FILE MOTATIONS

Entered in IND File scotting Marketing Gard Indexed

Capabled by Chief Approval Letter Disapproval Letter

· COMPLETION DATA:

Date Well Completed 52/-72 OW. TA....

GW.... OS.... PA....

Location Inspected Bond released State or Fee Land ...

LOGS FILED

E..... I..... Dual I Lat..... GR-N..... Micro..... BHC Sonic CR..... Lat..... IM-L..... Conic....

CBLog..... Others....

CHEVRON OIL COMPANY

WESTERN DIVISION

Denver, Colorado November 30, 1971

DRILLING PROGRAM
CHEVRON ET AL
B. HARTMAN UNIT #1-31A3
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

MR. W. B. JACKSON:

The following program is recommended for the drilling of Chevron et al B. Hartman Unit #1-31A3, Duchesne County, Utah.

- 1. Drill 15" hole to ± 2500'. Run 10-3/4" OD 40.5# J-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sxs Type G cement containing 3% CaCl.
 - a. Casing to be fitted with guide shoe, baffle collar and -6 centralizers.
 - b. After ± 6 hours WOC, cut off casing and install 10" Seriex 900 Bradenhead.
 - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
 - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
- 2. Drill 8-3/4" hole below surface casing to depth of ± 12,100' using a drilling mud as outlined below.
 - a. One-man mud logging unit is required from 5000' to 10,000' and two-man from 10,000' to ± 12,100'.
 - b. Two DST's are anticipated.
- 3. Run 7" OD 26# S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives from TD to ± 9500'.
 - a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.

- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
- c. Drop slips immediately, cut off casing and install 10" Series 900 x 1500 casing head spool and 10" x 6" Series 1500 tubing head.
- d. Install 6" Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
- e. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out.
- 4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,435' using a drilling mud as outlined below.
 - a. Two-man logging unit is required from bottom intermediate casing to total depth.
 - b. Four DST's are anticipated.
- 5. Maintain drilling fluids as follows:

	Depth		Туре	Weight	Viscosity	Water Loss
1) 2) ± 3) ± 4) ±	0' - ± 6,500' - ± 9,500' - ± 12,100' -	6,500' 9,500' 12,100'	Water Gel-Water Gel-Chem Gel-Chem	To suit Contra 8.6 - 9.0# 9.0 - 12.0# 12.0 - 16.0#	30-40 Sec 40-45 Sec 45-55 Sec	+ 15 cc 6-8 cc 4-6 cc

- (1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use Gel to build viscosity.
- (2) Use Gel-Water to drill top Green River formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.
- (3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,500'. Convert system to Gel-Chem. Maintain weight with ± 500 psi hydrostatic over balance. Carry 4-6% Diesel #2. Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (10:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.

- (4) Continue to maintain weight with 500 psi hydrostatic over balance over anticipated formation pressure. Carry 6-8% Diesel #2. Maintain good flow properties. Control any gas cut mud with degasser and low Gel strengths. Maintain accurate checks of pit volumes and return mud weights during all operations. Keep hole full on trips.
- 6. Sampling, logging, testing, etc., to be in general conformance with Geologic Program.
- 7. If productive, run and cement 5" 18# P-110 FJ liner from TD to 11,900'.
 - a. Liner to be equipped with proper set shoe, landing collar and hanger with tie-back sleeve but no packer.
- 8. Completion to be based on hole evaluation.

Caff phin

J. W. GREER

JPH:gl

APPROVED:

W. B. JACKSON

Form DOGC-1a

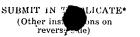
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS



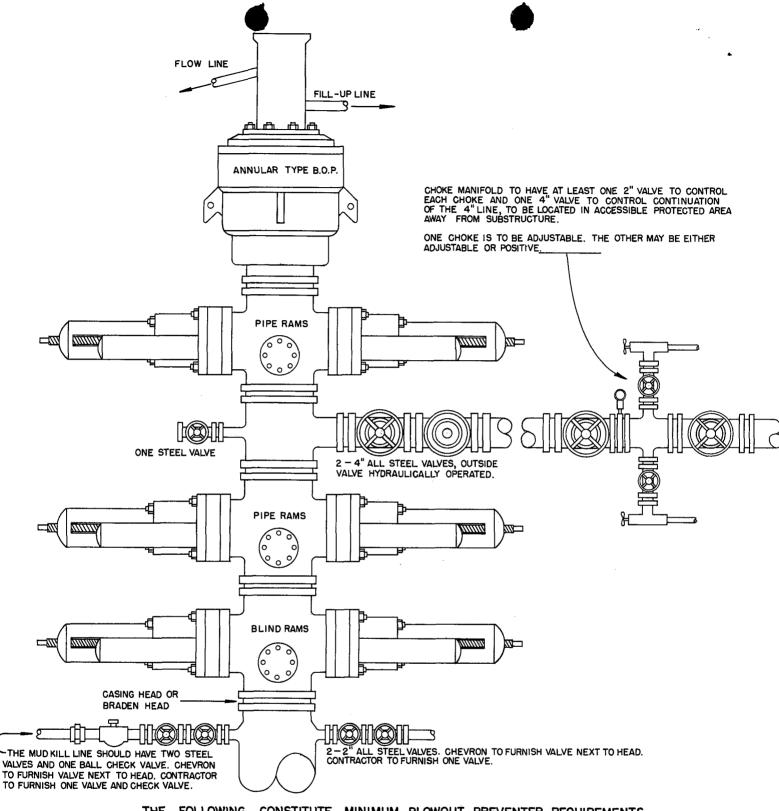
5. Lease Designation and Serial No.

	Bittorett	0. 0.2 0 0.0	ar en	Fee
APPLICATION	ON FOR PERMIT	TO DRILL, DE	PEN, OR PLUG	6. If Indian, Allottee or Tribe Name
a. Type of Work				7 Unit Agreement Name
b. Type of Well	DRILL X	DEEPEN [PLUG BA	ACK []
Oil X Well X	Gas Well Other		Single Mu Zone Zon	Itiple X 8. Farm or Lease Name
Name of Operator	wen — Other		Zone — Zon	B. Hartman Unit
Cl	nevron Oil Compa	ny - Western Di	vision	9. Well No.
Address of Operato				1-31A3
P	. 0. Box 599	Denver, Colo	orado 80201	10. Field and Pool, or Wildcat
At surface	Report location clearly and			Altamont 11. Sec., T., R., M., or Blk.
10	19 ft. 🕱 of N & :	1204 ft. W of F	E Line (胚部基)	and Survey or Area
At proposed prod,			SWNENE	a a a mad nate tran
1 Distance in miles	same and direction from nearest	town or post office*	ezwneryc	Sec. 31, TLS, R3W, USB
i. Distance in mines	and the control in th	ve Pand		
5. Distance from pr	oposed*	10	3. No. of acres in lease	Duchesne Utah 17. No. of acres assigned
location to neares property or lease		19 ft. 64	O ac. drlg block	to this well 640 ac.
(Also to nearest d 8. Distance from pro-	118, 11110, 11 (1113)	•	Proposed depth	20. Rotary or cable tools
to nearest well, d or applied for, on	rilling, completed,	ne	14,435	Rotary
1. Elevations (Show	whether DF, RT, GR, etc.)	,		22. Approx, date work will start*
Ungrade	ed Ground 629	7		12-20-71
3.		PROPOSED CASING	AND CEMENTING PROGRA	M
G. CTT.	aa.			Quantity of Cement
Size of Hole	Size of Casing 10-3/4	Weight per Foot	Setting Depth 2500	Sufficient to reach surface
8-3/4	7	26	± 12,100	Sufficient to reach 9500'
6-1/8	<u> </u>	18		ficient to fill all annular sp
We plan to d 1-26 zones. Attached:	drill a developme Well Plat Drilling Progra BOP Requirement	a.m		14,435 to test the Miles and
	oosal is to drill or deepen di		o deepen or plug back, give o	data on present productive zone and proposed new present measured and true vertical depths. Give blower
	1 Smoon-		Division Drl	g. Supt. 12-01-71
Signed	· Juli	Title	DIATOTOH DIT	B. Date TZ-01-11
(This space for Fe	ederal or State office use)			
Permit No	3-013-30093	5	Approval Date	
Approved by	evel if one	Title		Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS



5. Lease Designation and Serial No. Fee 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. Type of Work 7. Unit Agreement Name DRILL X DEEPEN | PLUG BACK b. Type of Well Oil X Multiple X 8. Farm or Lease Name Single Gas Well $\cdot \square$ Other B. Hartman Unit 2. Name of Operator 9. Well No. Chevron Oil Company - Western Division 3. Address of Operator 1-31A3
10. Field and Pool, or Wildcat P. O. Box 599 Denver, Colorado 4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface Altamont 11. Sec., T., R., M., or Blk. and Survey or Area 1019 ft. S of N & 1204 ft. W of E Line (NE-NE-) At proposed prod. zone Sec. 31, TlS, R3W, USB&M Same 14. Distance in miles and direction from nearest town or post office* 12. County or Parrish Duchesne Utah 15. Distance from proposed* 16. No. of acres in lease 17. No. of acres assigned location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) to this well 1019 ft. 640 ac. drlg block 640 ac. 19. Proposed depth Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 20. Rotary or cable tools None 14,435 Rotary 21. Elevations (Show whether DF, RT, GR, etc.) 22. Approx. date work will start* 6297 Ungraded Ground 12-20-71 23. PROPOSED CASING AND CEMENTING PROGRAM Size of Hole Size of Casing Weight per Foot Setting Depth Quantity of Cement 10-3/4 2500 40.5 Sufficient to reach surface 26 8-3/4 12,100 Sufficient to reach 9500' 6-1/8 5 18 TD Sufficient to fill all annular space We plan to drill a development well to an estimated TD of 14,435 to test the Miles and 1-26 zones. Attached: Well Plat Drilling Program BOP Requirements IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any, J. W. Greer Division Drlg. Supt. Permit No ... Approved by..... Conditions of approval, if any:



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION:

 (I) BLIND RAMS ON BOTTOM.

 (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.

 (5) ANNULAR B.C.

 (2) PIPE RAMS ABOVE THE BLIND RAMS.

 (4) PIPE RAMS ABOVE CHOKE OUTLET. (5) ANNULAR B.O.P. ON TOP.
- ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.

 ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.

 ACCUMULATOR TO PROVIDE GLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'s.

 ALL CONNECTIONS TO AND FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P.'s.

- MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.
- MAINDAL CONTROLS TO BE INSTALLED ON KELLY.

 FULL OPENING SAFETY VALVE TO BE AVAILABLE ON RIG FLOOR.

 DUAL OPERATING CONTROLS, ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.

 A REGULATING VALVE FOR THE ANNULAR B.O.P. IS REQUIRED.

CHEVRON OIL COMPANY — WESTERN DIVISION ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

- A. FOR 8" AND LARGER BOP UNITS.
 - 1. HYDRIL 80 GALLON
 - 2. PAYNE 80 GALLON (4-20 GALLON UNITS MANIFOLDED TOGETHER)
 - 3. KOOMEY 88 GALLON (4-22 GALLON UNITS MANIFOLDED TOGETHER)
- B. FOR 6" BOP UNITS
 - HYDRIL 40 GALLON
 - 2. PAYNE 40 GALLON (2-20 GALLON UNITS MANIFOLDED TOGETHER)
 - 3. KOOMEY 44 GALLON (2-22 GALLON UNITS MANIFOLDED TOGETHER)
- C. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

II. CONTROL UNITS

- ALL VALVES TO BE CLEARLY LABELED TO INSURE PROPER OPERATION AND TO ELIMINATE THE POSSIBILITY
 OF CONFUSION.
- B. HAND WHEELS FOR PIPE AND BLANK RAMS SHALL BE CLEARLY LABELED AND IN PLACE AT ALL TIMES WITH CLEAR ACCESS. A BARRICADE SHALL BE INSTALLED FOR THE PROTECTION OF THE OPERATOR AT THESE MANUAL CONTROLS.

III. PREVENTOR UNITS

- A. PRESSURE RATING OF BOP EQUIPMENT WILL BE AS STATED IN THE CONTRACT OR ON THIS DRAWING.
- B. DRILLING NIPPLE AND BOP'S TO HAVE SUFFICIENT ID TO PASS HANGER FOR NEXT STRING OF CASING TO BE SET.
- C. NEW API BX RING GASKETS TO BE USED EACH TIME A FLANGE IS ASSEMBLED.
- D. FLANGE BOLTS ON BOP'S WILL BE TIGHTENED AFTER PRESSURE TESTS AND ONCE A WEEK ON A ROUTINE BASIS. CASINGHEAD BOLTS TO BE TIGHTENED DAILY.
- E. PREVENTORS ARE TO BE WELL BRACED.
- F. PRIOR TO RUNNING CASING, PIPE RAMS WILL BE CHANGED TO ACCOMMODATE SIZE OF CASING TO BE RUN.
- G. CASINGHEAD SHALL BE INSTALLED SO KILL LINE VALVES WILL BE UNDER BOP'S FOR PROTECTION. KILL LINE VALVES TO BE KEPT CLOSED AFTER PRESSURE TESTS.

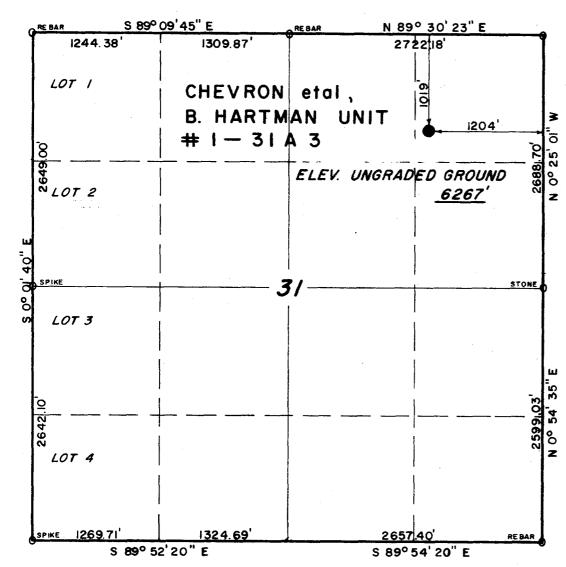
IV. TESTING

- A. BLOWOUT PREVENTORS, ALL VALVES IN THE SYSTEM, KELLY COCK, SAFETY VALVE, STAND PIPE VALVES, ROTARY HOSE, ETC. ARE ALL TO BE TESTED TO THE WORKING PRESSURE OF THE BOP'S OR AS STATED IN THE CONTRACT.
- B. BOP SYSTEM IS TO BE TESTED UPON INSTALLATION AND EACH WEEK THEREAFTER, USING A TEST PLUG OR AT THE FREQUENCY STATED IN THE CONTRACT.
- C. ALL TESTING IS TO BE DONE WITH CLEAR OR DYED WATER.
- D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.

V. MISCELLANEOUS

- A. DRILL PIPE RUBBER, IN GOOD CONDITION, TO BE USED ON KELLY SAVER SUB AT ALL TIMES.
- B. A FULL OPENING VALVE IN THE STAND PIPE WITH A 2" VALVE DOWNSTREAM FOR CONNECTING A PUMP TRUCK ARE REQUIRED. THESE VALVES ARE TO HAVE THE SAME PRESSURE RATING AS THE BOP'S.
- C. CHECK WITH COMPANY REPRESENTATIVE FOR DIRECTION TO INSTALL OUTLET VALVES ON WELLHEAD.
- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.

TIS, R3W, U.S.B.&M.



O = Section Corners Located or Re-established.

PROJECT

CHEVRON OIL COMPANY

Well location located as shown in the NE I/4 NE I/4 Section 31, TIS, R3W, U.S.B.&M. Duchesne County, Utah.

NOTE:

Elev. at Location Ungraded Ground = 6267'

" Ref. Point \$ 15° 20' 12" E 200' = 6262.47'

" " " 232' = 6261.57'

" " " N 64° 12' 12" W 212' = 6261.57'

" " " " 300' = 626503'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Steve Stewart
REGISTERED LAND SURVEYOR

REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P.O. BOX Q -- 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078

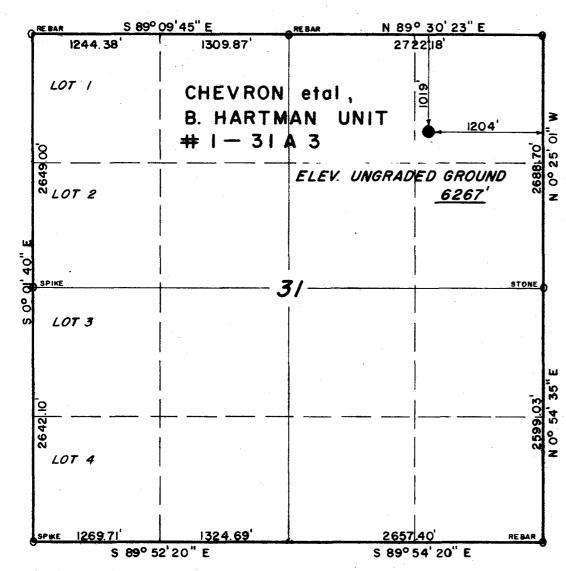
SCALE	DATE
_ I" = 1000'	20 Nov., 1971
PARTY N.J.M. D.H. B.H.	REFERENCES GLO Plat
WEATHER Cold	FILE CHEVRON OIL CO.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS



	DIVISION	OF OIL & GAS			ა.	Lease Designa	ition and Serial No.
						Fee	
APPLICATIO	ON FOR PERMIT	TO DRILL, D	DEEPEN, OR P	LUG B	ACK 6.	If Indian, All	ottee or Tribe Name
a. Type of Work					7.	Unit Agreemen	nt Name
b. Type of Well	ORILL X	DEEPEN 🗌	Р	LUG BAG	CK 📋		
Oil X Well	Gas Well Other		Single Zone	Multi Zone		Farm or Leas	e Name
. Name of Operator	well Cuner		Zone —	Zone		B. Hartm	an Unit
Ch	evron Oil Compa	ny - Western	Division		9.	Well No.	
. Address of Operator						1-31A3	
P.	0. Box 599	Denver, Co		-		. Field and Poo	ol, or Wildeat
At surface	Report location clearly and			• •		Altamont	
101	.9 ft. S of N &	1204 ft. W of	f E Line (NE#N	压夺)		and Survey o	
At proposed prod, z						00 21	שום ביי וומ
4. Distance in miles	Same and direction from nearest	town or post office*			12	. County or Pa	TLS, R3W, US urrish 13. State
						Duchesne	Utah
5. Distance from pro			16. No. of acres in le	ase	17. No. of a to this we	cres assigned	0 00.23
location to nearest property or lease l	line, ft.	19 ft.	640 ac. drlg	block	to this we	en.	640 ac.
(Also to nearest dr 8. Distance from pro-	posed location*		19. Proposed depth		20. Rotary or	cable tools	
to nearest well, dr or applied for, on	illing, completed, this lease, ft. NC	ne	14,435		R	otary	
. Elevations (Show v	whether DF, RT, GR, etc.)				2	22. Approx. da	te work will start*
Ungrade	ed Ground 629	7				12-2	0-71
3.		PROPOSED CASII	NG AND CEMENTING	PROGRAM			
Size of Hole	Size of Casing	Weight per F	oot Setting D	epth		Quantity of	Cement
15							
.L. /	10 - 3/4	40.5	250	0	Suffici	ent to r	each surface
8-3/4	10-3/4 7	40.5 26	250 ± 12,10	0	Suffici	ent to r	each 9500'
	7			0	Suffici	ent to r	
8-3/4 6-1/8 We plan to d 1-26 zones.	7	26 18 ent well to a	± 12,10 TD	0 Suff	Suffici icient t	ent to r o fill a	each 9500' ll annular s
8-3/4 6-1/8 We plan to d 1-26 zones. Attached: N ABOVE SPACE D uctive zone. If propereventer program, if a (This space for Fee	7 5 rill a developm Well Plat Drilling Progr BOP Requiremen ESCRIBE PROPOSED PR psal is to drill or deepen dany.	26 18 ment well to a	± 12,10 TD an estimated I is to deepen or plug ba nent data on subsurface J. W. G	Suff D of 1	Sufficing to the state of the s	ent to roof of fill a test the	each 9500° ll annular s e Miles and
8-3/4 6-1/8 We plan to d 1-26 zones. Attached: N ABOVE SPACE D active zone. If proporeventer program, if a (This space for Fee	7 5 rill a developm Well Plat Drilling Progr BOP Requiremen ESCRIBE PROPOSED PR OSAl is to drill or deepen deany.	26 18 ment well to a	± 12,10 TD an estimated T is to deepen or plug banent data on subsurface J. W. G Divisio	Suff D of 1 ck, give da locations	Sufficing to the sufficient to	ent to roofill a test the test the productive zon and true vertice Date	each 9500 the langular specified annular specifi

TIS, R3W, U.S.B.&M.



O = Section Corners Located or Re-established.

PROJECT

GHEVRON OIL COMPANY

Well location located as shown in the NE I/4 NE I/4 Section 31, TIS, R3W, U.S.B.&M. Duchesne County, Utah.

NOTE:

Elev. at Location Ungraded Ground = 6267'

" Ref. Point S 15° 20' 12" E 200' = 6262.47'

" " " 232' = 6261.57'

" " " N 64° 12' 12" W 212' = 6263.03'

" " " 300' = 6263.03'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO TO BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING POBOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078

SCALE	DATE
i" = 1000'	20 Nov., 1971
PARTY N.J.M. D.H. B.H.	REFERENCES GLO Plat
WEATHER Cold	CHEVRON OIL CO.

CHEVRON OIL COMPANY

WESTERN DIVISION

Denver, Colorado November 30, 1971

DRILLING PROGRAM
CHEVRON ET AL
B. HARTMAN UNIT #1-31A3
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

MR. W. B. JACKSON:

The following program is recommended for the drilling of Chevron et al B. Hartman Unit #1-31A3, Duchesne County, Utah.

- 1. Drill 15" hole to 2500'. Run 10-3/4" OD 40.5# J-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sxs Type G cement containing 3% CaCl.
 - a. Casing to be fitted with guide shoe, baffle collar and -6 centralizers.
 - b. After ± 6 hours WOC, cut off casing and install 10" Seriex 900 Bradenhead.
 - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
 - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
- 2. Drill 8-3/4" hole below surface casing to depth of ± 12,100' using a drilling mud as outlined below.
 - a. One-man mud logging unit is required from 5000' to 10,000' and two-man from 10,000' to ± 12,100'.
 - b. Two DST's are anticipated.
- 3. Run 7" OD 26# S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives from TD to ± 9500'.
 - a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.

- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
- c. Drop slips immediately, cut off casing and install 10" Series 900 x 1500 casing head spool and 10" x 6" Series 1500 tubing head.
- d. Install 6" Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
- e. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out.
- 4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,435' using a drilling mud as outlined below.
 - a. Two-man logging unit is required from bottom intermediate casing to total depth.
 - b. Four DST's are anticipated.
- 5. Maintain drilling fluids as follows:

	Depth		Туре	Weight	Viscosity	Water Loss
1) 2) * 3) * 4) *	0' - ± 6,500' - ± 9,500' - ± 12,100' -	6,500' 9,500' 12,100' TD	Water Gel-Water Gel-Chem Gel-Chem	To suit Contra 8.6 - 9.0# 9.0 - 12.0# 12.0 - 16.0#	30-40 Sec 40-45 Sec 45-55 Sec	+ 15 cc 6-8 cc 4-6 cc

- (1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use Gel to build viscosity.
- (2) Use Gel-Water to drill top Green River formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.
- (3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,500°. Convert system to Gel-Chem. Maintain weight with ± 500 psi hydrostatic over balance. Carry 4-6% Diesel #2. Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (10:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.

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- 6. Sampling, logging, testing, etc., to be in general conformance with Geologic Program.
- 7. If productive, run and cement 5" 18# P-110 FJ liner from TD to + 11,900'.
 - a. Liner to be equipped with proper set shoe, landing collar and hanger with tie-back sleeve but no packer.
- 8. Completion to be based on hole evaluation.

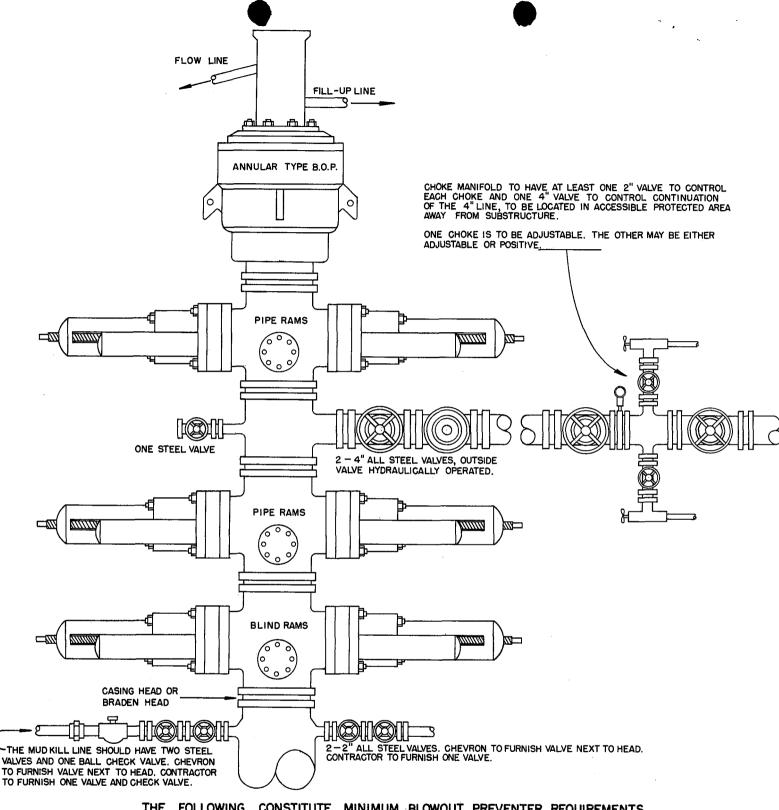
CHAIN

J. W. GREER

JPH:gl

APPROVED: (N

W. B. JACKSON



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION:

 (1) BLIND RAMS ON BOTTOM.

 (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.

 (5) ANNULAR B.O.

 (2) PIPE RAMS ABOVE THE BLIND RAMS.

 (4) PIPE RAMS ABOVE CHOKE OUTLET. (5) ANNULAR B.O.P. ON TOP.
- ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.

 ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.

 ACCUMULATOR TO PROVIDE CLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'s.

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 A REGULATING VALVE FOR THE ANNULAR B.O.P. IS REQUIRED.

CHEVRON OIL COMPANY — WESTERN DIVISION ROCKY MOUNTAIN PRODUCTION DIVISION

GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BLOWOUT PREVENTION EQUIPMENT

I. ACCEPTABLE ACCUMULATOR UNITS

- A. FOR 8" AND LARGER BOP UNITS.
 - 1. HYDRIL 80 GALLON
 - 2. PAYNE 80 GALLON (4-20 GALLON UNITS MANIFOLDED TOGETHER)
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- C. A VALVE SHALL BE PROVIDED FOR INTRODUCTION OF EMERGENCY ENERGY (SUCH AS BAKER HAND PUMP) FROM AN EXTERIOR SOURCE OTHER THAN THE ACCUMULATOR. A VALVE SHALL BE INSTALLED TO PREVENT FLOW FROM AN EXTERIOR SOURCE TO THE ACCUMULATOR UNIT.

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- D. TESTING PROCEDURE IS TO BE CARRIED OUT SO EACH VALVE IS TESTED INDIVIDUALLY.

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- D. MODIFICATIONS OF HOOK-UP MUST BE APPROVED IN WRITING ON TOUR REPORTS BY COMPANY REPRESENTATIVE.

December 2. 1971

Chevron Oil Company Box 599 Denver, Colorado

Re: B. Hartman Unit 1-31A3
Sec. 31, T. 1 S, R. 3 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-4, dated June 24, 1971.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer HOME: 277-2890 OFFICE: 328-5771

Enclosed for your convenience please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-013-30093.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sd

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OIL & G	STATE OF UT AS CONSERVATION		SUBMIT IN TRIPLICAT (Other instructions on verse side)		SERIAL NO.
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2. NAME OF OPERATOR	UTADE	······································		8. FARM OR LEASE NAME	
	ompany - Western I	Division		B. Hartman Unit	<u> </u>
P. O. Box 599	Denver, Col	Lorado 80201		9. WELL NO. 1-31A3	
4. LOCATION OF WELL (Re	port location clearly and in ac	cordance with any Stat	e requirements.*	10. FIELD AND POOL, OR WIL	DCAT
At surface	•••			Altamont-Miles	
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				Sec. 31, T1S, R3V	V, USB
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CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{L}^{1} , Sec. 31, TIS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

50' drilling 15" hole. Spudded 8:00 PM 12-16-71. Location: 12-17-71 1019' FNL, 1204' FEL, Sec. 31, TlS, R3W, USBM, Duchesne County, Utah

170' drilling 15" surface hole. Drilled 15" hole to 76'. Reamed to 12-20-71 22". Set 18" conductor at 60' with 150 sks. WOC 12:00 PM 12-17-71

573' drilling 15" hole. Copy of plat, application to drill and 12-21-71 approval to drill.

960' drilling 15" hole. 12-22-71

1295' drilling. Elevations: Graded Ground 6267 KB 6286 12-23-71

2516'. Running surface casing. Finished drilling 15" surface hole to 12-27-71 2516'. Rigged up and started running 10-3/4" surface casing.

2516' Nippling up BOPE. Ran 83 jts. 10-3/4" 40.5# K-55 surface csg. 12-28-71 and cemented at TD with 2425 sks. Had good circ. throughout and cement returns. WOC 3:30 PM 12-27-71.

12-29-71 2516' nippling up BOPE.

2516 testing BOPE. 12-30-71

4994' drilling. Finished testing 10" Ser. 900 BOPE to 3000 psi. 1-3-72 Drilled out below 10-3/4" csg.

Manning

CHEVRON OIL COMPANY

WESTERN DIVISION

Denver, Colorado November 30, 1971

DRILLING PROGRAM
CHEVRON ET AL
B. HARTMAN UNIT #1-31A3
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

MR. W. B. JACKSON:

The following program is recommended for the drilling of Chevron et al B. Hartman Unit $\frac{1}{2}$ 1-31A3, Duchesne County, Utah.

- 1. Drill 15" hole to 2500'. Run 10-3/4" OD 40.5# J-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sxs Type G cement containing 3% CaCl.
 - a. Casing to be fitted with guide shoe, baffle collar and ± 6 centralizers.
 - b. After ± 6 hours WOC, cut off casing and install 10" Seriex 900 Bradenhead.
 - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
 - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
- 2. Drill 8-3/4" hole below surface casing to depth of ± 12,100' using a drilling mud as outlined below.
 - a. One-man mud logging unit is required from 5000' to 10,000' and two-man from 10,000' to ± 12,100'.
 - b. Two DST's are anticipated.
- 3. Run 7" OD 26# S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives from TD to ± 9500'.
 - a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.

- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
- c. Drop slips immediately, cut off casing and install 10" Series 900 x 1500 casing head spool and 10" x 6" Series 1500 tubing head.
- d. Install 6" Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP Hookup.
- e. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out.
- 4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,435' using a drilling mud as outlined below.
 - a. Two-man logging unit is required from bottom intermediate casing to total depth.
 - b. Four DST's are anticipated.
- 5. Maintain drilling fluids as follows:

	Depth		Туре	Weight	Viscosity	Water Loss
2) ± 3) ± 4) ±	0' - I 6,500' - ± 9,500' - ± 12,100' -	6,500' 9,500' 12,100' TD	Water Gel-Water Gel-Chem Gel-Chem	To suit Contro 8.6 - 9.0# 9.0 - 12.0# 12.0 - 16.0#	30-40 Sec 40-45 Sec 45-55 Sec	+ 15 cc 6-8 cc 4-6 cc

- (1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use Gel to build viscosity.
- (2) Use Gel-Water to drill top Green River formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.
- (3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,500'. Convert system to Gel-Chem. Maintain weight with ± 500 psi hydrostatic over balance. Carry 4-6% Diesel #2. Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (10:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.

- (4) Continue to maintain weight with 500 psi hydrostatic over balance over anticipated formation pressure. Carry 6-8% Diesel #2. Maintain good flow properties. Control any gas cut mud with degasser and low Gel strengths. Maintain accurate checks of pit volumes and return mud weights during all operations. Keep hole full on trips.
- 6. Sampling, logging, testing, etc., to be in general conformance with Geologic Program.
- 7. If productive, run and cement 5" 18# P-110 FJ liner from TD to + 11,900'.
 - a. Liner to be equipped with proper set shoe, landing collar and hanger with tie-back sleeve but no packer.
- 8. Completion to be based on hole evaluation.

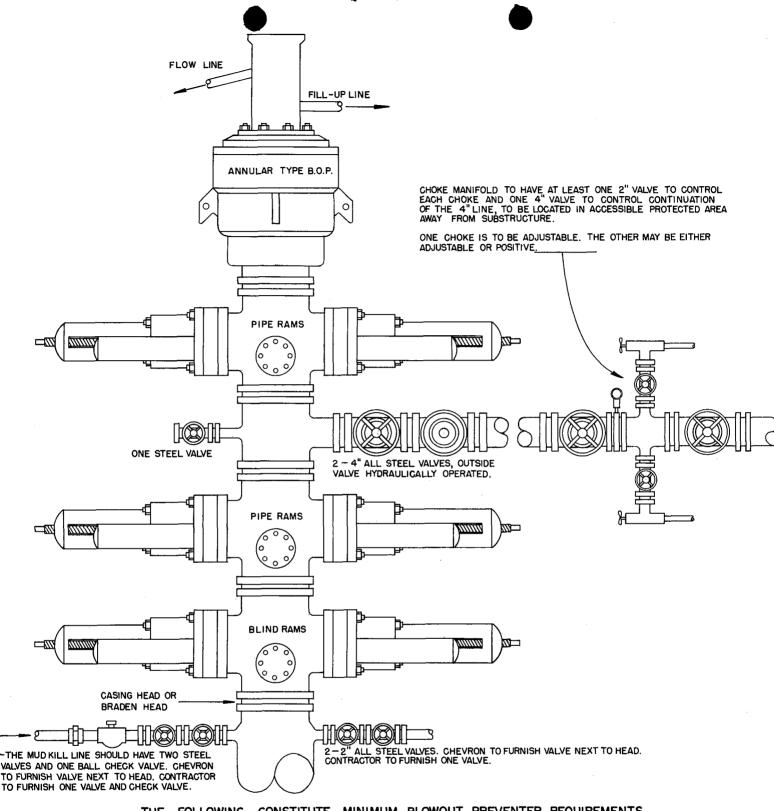
CHAIN!

JJ. W. GREER

JPH:gl

APPROVED:

W. B. JACKSON



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION:
 (1) BLIND RAMS ON BOTTOM.
 (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.
 (5) ANNULAR B.O.
 (2) PIPE RAMS ABOVE THE BLIND RAMS.
 (4) PIPE RAMS ABOVE CHOKE OUTLET. CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P. S WHICH GIVE THE FOLLOWING COMBINATION:

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 (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER.

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 (2) PIPE RAMS ABOVE THE BLIND RAMS.

 (4) PIPE RAMS ABOVE CHOKE OUTLET.

 ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.

 ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.

 ACCUMULATOR TO PROVIDE CLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'S.

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P. O. Box 599	Denver, Colors	ado 80201		1-31A3	
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(Other) 7. DESCRIBE PROPOSED OR COMPL proposed work. If well i nent to this work.) *	ETED OPERATIONS (Clearly state als directionally drilled, give subsur	(N Co I pertinent details, and g face locations and measu	OTE: Report results ompletion or Recompletive pertinent dates.	tion Report and Log form.) ncluding estimated date of depths for all markers and	starting
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(Other) 7. DESCRIBE PROPOSED OR COMPI proposed work. If well i nent to this work.)* See attached Jan	ETED OPERATIONS (Clearly state all s directionally drilled, give subsurtantly, 1972 Daily Pro	(N Co I pertinent details, and g face locations and measu	OTE: Report results ompletion or Recompletive pertinent dates, ired and true vertical	tion Report and Log form.) ncluding estimated date of depths for all markers and	starting
(Other) 7. DESCRIBE PROPOSED OR COMPI proposed work. If well i nent to this work.)* See attached Jan. 8. I hereby certify that the formula to the second	ETED OPERATIONS (Clearly state all s directionally drilled, give subsurtantly, 1972 Daily Pro	J. W. Greer	OTE: Report results ompletion or Recompletive pertinent dates, ired and true vertical	tion Report and Log form.) ncluding estimated date of depths for all markers and	starting
(Other) 7. DESCRIBE PROPOSED OR COMPI proposed work. If well i nent to this work.)* See attached Jan 8. I hereby certify that the for SIGNED	regoing is true and correct	J. W. Greer	OTE: Report results ompletion or Recompletive pertinent dates, ired and true vertical	tion Report and Log form.) ncluding estimated date of depths for all markers and	starting
(Other) 7. DESCRIBE PROPOSED OR COMPI proposed work. If well i nent to this work.)* See attached Jan. 8. I hereby certify that the for	regoing is true and correct	J. W. Greer	OTE: Report results ompletion or Recompletive pertinent dates, ired and true vertical	tion Report and Log form.) ncluding estimated date of depths for all markers and	starting (

CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARIMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{L}^{1} , Sec. 31, TIS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

- 50' drilling 15" hole. Spudded 8:00 PM 12-16-71. Location: 12-17-71 1019' FNL, 1204' FEL, Sec. 31, TlS, R3W, USBM, Duchesne County, Utah
- 170' drilling 15" surface hole. Drilled 15" hole to 76'. Reamed to 12-20-71 22". Set 18" conductor at 60' with 150 sks. WOC 12:00 PM 12-17-71
- 573' drilling 15" hole. Copy of plat, application to drill and 12-21-71 approval to drill.
- 960' drilling 15" hole. 12-22-71
- 12-23-71 1295' drilling. Elevations: Graded Ground 6267 KB 6286
- 2516'. Running surface casing. Finished drilling 15" surface hole to 12-27-71 2516'. Rigged up and started running 10-3/4" surface casing.
- 2516' Nippling up BOPE. Ran 83 jts. 10-3/4" 40.5# K-55 surface csg. 12-28-71 and cemented at TD with 2425 sks. Had good circ. throughout and cement returns. WOC 3:30 PM 12-27-71.
- 2516' nippling up BOPE. 12-29-71
- 12-30-71 2516 testing BOPE.
- 4994' drilling. Finished testing 10" Ser. 900 BOPE to 3000 psi. 1-3-72 Drilled out below 10-3/4" csg.
- 1-4-72 5443' drilling.
- 1-5-72 5734' tripping for new bit.
- 1-6-72 5957' tripping for bit.
- 1-7-72 6273 drilling.
- 7208' drilling. 1-10-72
- 1-11-72 7591' drilling.
- 1-12-72 7637' drilling.

CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{L}^{1} , Sec. 31, T1S, R3W Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

1-13-72	7927' drilling.
1-14-72	8022' drilling.
1-17-72	8548' drilling.
1-18-72	8747 drilling.
1-19-72.	8902' drilling.
1-20-72	9020' drilling.
1-21-72	9245' drilling.
1-24-72	9026° drilling.
1-25-72	10,063' drilling.
1-26-72	10,300' drilling.
1-27-72	10,533' drilling.
1-28-72	10,730' drilling.
1-31-72	11,020' drilling.
2-1-72	11,123' trip.
2-2-72	11,156' trip.
2-3-72	11,260' drilling.
2-4-72	11,394' drilling.
2-7-72	11,520' cond. mud.
2-8-72	11,562' drilling.

Form OGCC-1 be SUBMIT IN TRIPLICATE* (Other instructions on reverse side) STATE OF UTAH 5. LEASE DESIGNATION AND SERIAL NO. OIL & GAS CONSERVATION COMMISSION 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME OIL E OTHER S. FARM OR LEASE NAME 2. NAME OF OPERATOR Chevron Oil Company - Western Division B. Hartman Unit 9. WELL NO. 8. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201 1-31A3 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface 10. FIELD AND POOL, OR WILDCAT <u> Altamont-Miles & 1-26</u> 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA 1019 ft. S of N &1204 ft. W of E Line $(NE_{\pi}^{1}NE_{\pi}^{1})$ Sec. 31. Tls. 15. ELEVATIONS (Show whether DF. RT. OR. etc.) 14. PERMIT NO. кв 6286 Duchesne IItah Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16. NOTICE OF INTENTION TO: REPAIRING WELL TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF ALTERING CASING MULTIPLE COMPLETE FRACTURE TREATMENT FRACTURE TREAT ABANDONMENT* SHOOTING OR ACIDIZING SHOOT OR ACIDIZE ABANDON* Progress Report REPAIR WELL CHANGE PLANS (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* See attached Feb., 1972 Daily Progress Report.

18. I hereby certify that the foregoing is true and correct SIGNED	TITLE _	J. W. Greer Division Drlg. Supt.	DATE 3-6-72
(This space for Federal or State office use)			
APPROVED BY	TITLE _		DATE

CHEVRON GIL COMPANY WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE¹/_L, Sec. 31, TlS, R3W Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

1-13-72	7927' drilling.
1-14-72	8022' drilling.
1-17-72	8548' drilling.
1-18-72	8747' drilling.
1-19-72.	8902' drilling.
1-20-72	9020' drilling.
1-21-72	9245' drilling.
1-24-72	9826' drilling.
1-25-72	10,063' drilling.
1-26-72	10,300' drilling.
1-27-72	10,533' drilling.
1-28-72	10,730' drilling.
1-31-72	11,020' drilling.
2-1-72	11,123' trip.
2-2-72	11,156' trip.
2-3-72	11,260' drilling.
2-4-72	11,394' drilling.
2-7-72	11,520° cond. mud.
2-8-72	11,562' drilling.
2-9-72	11,634' building mud volume.

CHEVRON OIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{h}^{1} , Sec. 31, T1S, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

2-10-72 11,715' drilling.

2-11-72 11,717' circ. btm up prior to drlg.

2-14-72 11,983' drilling.

2-15-72 12,060' Prep to log.

2-16-72 12,060' cond. hole for csg.

2-17-72 12,060' laying down DP.

2-18-72 12.060; building mud volume.

2-22-72 12,060' repairing rig.

2-23-72 12,064' drlg. 2-22-72 Rebuilt mud vol and pumped 440 bbl without returns. Cmtd 7" OD csg @ 12,060' with 675 sx without returns. Ran GR-CBL and found top cmt 9254' with good-fair bond. Started running 4" drl pipe when main shaft went out.

2-24-72 12,079' trip.

2-25-72 12,177' drilling.

2-28-72 12,454' drilling.

2-29-72 12,493' trip.

3-1-72 12,560' drilling.

3-2-72 12,654' drilling.

3-3-72 12,705' drilling.

12,852' drilling. 3-6-72

12,918' drilling. 3-7-72



O	GCC-1 b●	TE OF UTAH	SUBMIT IN TRIPLICATE.		•
		ERVATION COMMISSION	(Other instructions on reverse side)	5. LEASE DESIGNATION Fee	AND BERIAL NO.
	SUNDRY NOTI (Do not use this form for propose Use "APPLICA"	CES AND REPORTS C		6. IF INDIAN, ALLOTTE	OR TRIBE NAME
1.	OIL K GAS OTHER			7. UNIT AGREEMENT NA	мв
2.	NAME OF OPERATOR		······································	S. FARM OR LEASE NAM	130
	Chevron Oil Company - Western Division			B. Hartman Unit	
8.	ADDRESS OF OPERATOR			9. WELL NO.	11.0
	P. O. Box 599	enver, Colorado 802	201	1-31A3	
4.	LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface			10. FIELD AND POOL, OR WILDCAT Altamont-Miles & 1-26 11. BEC., T., R., M., OR BLE. AND	
	1019 ft. S of N & 1	Sec. 31, T1S,			
14.	. PERMIT NO. 15. BLEVATIONS (Show		RT, GR, etc.)	12. COUNTY OR PARISH	18. STATE
		KB 6286		Duchesne	Utah
16.	Check App	propriate Box To Indicate N	ature of Notice, Report, or O	ther Data	
	NOTICE OF INTENT	ION TO:	SUBSEQU	ENT REPORT OF:	
	TEST WATER SHUT-OFF	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	ELL
		ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	SING
		BANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	T•
		IANGE PLANS	(Other)	Progress Repor	rt x
	(Other)		(Note: Report results	of multiple completion etion Report and Log for	n Weli m.)
17.	DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.) *	ATIONS (Clearly state all pertinent ally drilled, give subsurface locati	defails, and give pertinent dates, ons and measured and true vertical	including estimated date depths for all markers	of starting any and zones perti-

See attached March, 1972 Daily Drilling Progress Report.

8. I hereby certify that the foregoing is true and correct SIGNED Marces	TITLE	J. W. Greer Division Drlg. Supt.	DATE 4-5-72	_
(This space for Federal or State office use)				_
APPROVED BY	TITLE		DATE	_

CHEVRON OIL COMPANY WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: \mathbb{NE}_{h}^{1} , Sec. 31, TLS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

11,715' drilling. 2-10-72

11,717' circ. btm up prior to drlg. 2-11-72

2-14-72 11,983' drilling.

2-15-72 12,060' Prep to log.

2-16-72 12,060' cond. hole for csg.

12,060' laying down DP. 2-17-72

12,060 building mud volume. 2-18-72

12,060' repairing rig. 2-22-72

12,064' drlg. 2-22-72 Rebuilt mud vol and pumped 440 bbl without 2-23-72 returns. Cmtd 7" OD csg @ 12,060' with 675 sx without returns. Ran GR-CBL and found top cmt 9254' with good-fair bond. Started running 4" drl pipe when main shaft went out.

2-24-72 12,079' trip.

2-25-72 12,177' drilling.

2-28-72 12,454 drilling.

2-29-72 12,493' trip.

3-1-72 12,560' drilling.

12,654 drilling. 3-2-72

3-3-72 12,705' drilling.

3-6-72 12,852' drilling.

3-7-72 12,918' drilling.

12,946' drilling. 3-8-72

3-9-72 12,957' drilling.

CHEVRON CIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL MAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{h}^{1} , Sec. 31, TLS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

13,032' drilling. 3-10-72

3-13-72 13,178' drilling.

3-14-72 13,262' drilling.

13,293' drilling. 3-15-72

13,330' trip. 3-16-72

3-17-72 13,354' drilling.

3-20-72 13,531' trip.

3-21-72 13,531' drilling.

3-22-72 13,625' drilling.

3-23-72 13,729' drilling.

3-24-72 13,825' drilling...

3-27-72 13,939' drilling.

3-28-72 14,052 drlg.

14,153' drlg. 3-29-72

3-30-72 14,173' dr1g.

3-31-72 14,283' drilling.

4-3-72 TD 14,460' fishing.

TD 14,460' fishing. 4-4-72

4-5-72 TD 14,460' trip. Recovered fish.

TD 14,500' Tripping. 4-6-72

CHEVRON GIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: $NE^{\frac{1}{h}}$, Sec. 31, T1S, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

14,500' TD. Drlg. out. Finished picking up 2-7/8" tbg and tagged 4-11-72 top of liner 11,835'. Drlg out flapper valves @ 11,848' & landing collar @ 14,414'. Found no cmt to 14,470'. Drld out soft cmt to 14,478'.

4-12-72 14,500' TD. Rigging up to pick up tbg.

4-13-72 14,500' TD. 14,485' PBTD. Cond. mud. Finished PU frac string.

4-14-72 14,485' PBTD. Perforating.

4-17-72 14,485' PBTD. Fracing perfs 14,439-13,972.

4~18-72 14,485' PBTD. Attempting to frac. Spotted acid to pkr @ 13,926 and set pkr for first stage frac. Press up to 10,000 psi but unable to break down perfs 13,972-14,439. Release pkr and reversed out acid. Lowered pkr & spotted 500 gal. acid across perfs. Set pkr 13,926. Pumped in & broke down perfs @ 4500 psi w/mud in tbg. Spotted acid for first stage frac of perfs 13,972-14,439. Set pkr & pumped in @ 3 bbls/min @ 9000 psi. After 12 bbls of acid in formation, press went to 9500 psi. Shut down & bled off the press to zero. Pumped 5½ bbls acid @ 3 bbls/min w/8200 psi before balling out @ 9200 psi. Bled off press. Pumped in another 6 bbls acid @ 2 bbls/min @ 8600 psi before balling out. Bled off press again. Pumped in another 5½ bbls acid @ 2 bbls/min w/8400-8600 psi before balling out. Bled off press. Pumped in add'1 4 bbls acid @ 2 bbls/min w/8800 psi before balling out. Total acid in 22½ bbls. Lack 43½ bbls acid to get in. Bled off tbg press & waiting for balls to drop off. Plan to postpone frac until adding T-105 tbg to top of string for higher surface pressure.

14,485' PBTD. Tripping. Worked total of 29 bbls acid into formation 4-19-72 after repressuring to 9200-9500 psi. 3 more times. Unable to work any more acid into formation. Appears only 1 to 2 holes open. Released pkr & reversed out oil & remaining acid. Rigged down frac eqip. Lowered pkr & picked up RBP. POOH w/tbg. Now going in hole w/pkr only to perform frac of perf. 13,972-14,439 after arrival of P-105 tbg string to attain higher surface pressures.

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on re-

OIL & GAS CONS	ERVATION COMMI	SSION Verse side)	Fee	AND WORLD IV
			8. IF INDIAN, ALLOTTER	OR TRIBE NAM
SUNDRY NOTI (Do not use this form for propose Use "APPLICA	ICES AND REPORT als to drill or to deepen or p TION FOR PERMIT—" for a			
OIL K GAS OTHER			7. UNIT AGREEMENT NAME	
, NAME OF OPERATOR			8. FARM OR LEASE NAM	¥
Chevron Oil Company	- Western Divisio	on	B. Hartman Uni	it
. ADDRESS OF OPERATOR			9. WELL NO.	
P. O. Box 599 De		30201	1-31A3	WITTE
LOCATION OF WELL (Report location of See also space 17 below.) At surface	early and in accordance with	any State requirements.	Altamont-Miles	
1019 ft. S of N & 10	024 ft. W of E Lir	ne (NEżNEż)	11. SEC., T., B., M., OR B. SURVEY OR AREA	LE. AND
			S31, T1S, R3V	
4. PERMIT NO.	15. ELEVATIONS (Show wheth KB 6286	er DF, RT, GR, etc.)	Duchesne	Utah
6. Check Ap	propriate Box To Indicat	e Nature of Notice, Report, or (Other Data	
NOTICE OF INTENT	PION TO;	ausano	QUENT REPORT OF:	
TEST WATER SHUT-OFF	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	TELL
FRACTURE TREAT	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	
	BANDON*	SHOOTING OR ACIDIZING	ABANDONMEN Progress Repor	
REPAIR WELL C	HANGE PLANS	(Other) (Note: Report result	s of multiple completion of detion Report and Log for:	p Well
See attached April,	1972 daily drill:	ng progress report		
See accached Aprili,	1972 daily dilli	ing progress report.		
				÷
· -				
	tens and sourcet	I W Cross		
8. I hereby certify that the foregoing is SIGNED AMA Dreece	TITLE	J. W. Greer Division Drlg. Supt.	DATE 5-2	-72
(This space for Federal or State office APPROVED BY	re use)		DATE	

CHEVRON DIL COMPANY WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{h}^{1} , Sec. 31, TlS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

3-10-72 13,032 drilling.

3-13-72 13,178' drilling.

3-14-72 13,262' drilling.

3-15-72 13,293' drilling.

3-16-72 13,330' trip.

3-17-72 13,354' drilling.

3-20-72 13,531' trip.

3-21-72 13,531' drilling.

3-22-72 13,625' drilling.

3-23-72 13,729' drilling.

3-24-72 13,825' drilling.

3-27-72 13,939' drilling.

3-28-72 14,052 drlg.

3-29-72 14,153 drlg.

3-30-72 14,173' drlg.

3-31-72 14,283' drilling.

4-3-72 TD 14,460 fishing.

4-4-72 TD 14,460' fishing.

4-5-72 TD 14,460' trip. Recovered fish.

4-6-72 TD 14,500' Tripping.

4-7-72 TD 14,500' Trip. Ran logs: DIL, BHC-Sonic. Schl. TD 14,481'.

4-10-72 TD 14,500'. PU tbg. Ran 63 jts. 2662', 5" OD, 18#, P-110 FJ lnr. Hanger @ 11,835'. Landed 14,497'. Cmtd w/300 sx. Good circ. Set pkr & sqzd 6 bbls cmt @ 3/4 BPM @ zero-1050 psi. Float held. WOC 8 PM 4/8/72. Rev. out 34 bbls cmt. POOH. Ran 6-1/8" bit, no cmt above lnr. Layed down DP. Picked up



CHEVRON GIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: $NE^{\frac{1}{2}}$, Sec. 31, TIS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

4-11-72 14,500' TD. Drlg. out. Finished picking up 2-7/8" tbg and tagged top of liner 11,835'. Drlg out flapper valves @ 11,848' & landing collar @ 14,414'. Found no cmt to 14,470'. Drld out soft cmt to 14,478'.

- 4-12-72 14,500' TD. Rigging up to pick up tbg.
- 14,500' TD. 14,485' PBTD. Cond. mud. Finished PU frac string. 4-13-72
- 4-14-72 14,485 PBTD. Perforating.
- 4-17-72 14,485' PBTD. Fracing perfs 14,439-13,972.
- 4-18-72 14,485' PBTD. Attempting to frac. Spotted acid to pkr @ 13,926 and set pkr for first stage frac. Press up to 10,000 psi but unable to break down perfs 13,972-14,439. Release pkr and reversed out acid. Lowered pkr & spotted 500 gal. acid across perfs. Set pkr 13,926. Pumped in & broke down perfs @ 4500 psi w/mud in tbg. Spotted acid for first stage frac of perfs 13,972-14,439. Set pkr & pumped in @ 3 bbls/min @ 9000 psi. After 12 bbls of acid in formation, press went to 9500 psi. Shut down & bled off the press to zero. Pumped 5½ bbls acid @ 3 bbls/min w/8200 psi before balling out @ 9200 psi. Bled off press. Pumped in another 6 bbls acid @ 2 bbls/min @ 8600 psi before balling out. Bled off press again. Pumped in another 5½ bbls acid @ 2 bbls/min w/8400-8600 psi before balling out. Bled off press. Pumped in add'1 4 bbls acid @ 2 bbls/min w/8800 psi before balling out. Total acid in 22½ bbls. Lack 43½ bbls acid to get in. Bled off the press & waiting for balls to drop off. Plan to postpone frac until adding T-105 tbg to top of string forhigher surface pressure.
- 4-19-72 14,485' PBTD. Tripping. Worked total of 29 bbls acid into formation after repressuring to 9200-9500 psi. 3 more times. Unable to work any more acid into formation. Appears only 1 to 2 holes open. Released pkr & reversed out oil & remaining acid. Rigged down frac eqip. Lowered pkr & picked up RBP. POOH w/tbg. Now going in hole w/pkr only to perform frac of perf. 13,972-14,439 after arrival of P-105 tbg string to attain higher surface pressures.

CHEVRON GIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: $\mathbb{R}^{\frac{1}{n}}$, Sec. 31, T1S, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

- 4-20-72 14,485 PBTD. WO P-105 tbg to frac @ higher pressure.
- 4-21-72 14,485' PBTD. Attempting to reset pkr for frac. RIH & set pkr @ 14,450'. Tested tbg to 9500 psi. Rel. pkr. Spotted 500 gal. acid across perfs 13,972-14,439'. Installed 3 jts of P-105 tbg at top.
- 4-24-72 14,485' PBTD Tripping. Attempted to reset pkr w/no success. POOH.

 RIH w/new pkr & set @ 14,450'. Press tbg to 9500 psi & press broke to 2300 psi. POOH checking for hole in tbg on bad pkr w/no success. RIH w/new pkr to top of liner. Dropped test ball & circ @ 2 bbls/min w/1200 psi. POOH & found 8" split below box in 7th jt of 2-7/8" tbg above pkr. RIH w/new pkr & set @ 14,452'. Tested tbg to 9500 psi. PU & reset pkr @ 13,932'. Spotted 4000 gal. acid. Started frac & tbg parted @ 10,100 psi w/300 gal. oil behind acid. PU & reversed out acid. POOH w/4199' tbg & split collar on bottom. RIH w/overshot & engaged fish. Released pkr & reversed out acid in fish. Now POOH w/fish.
- 4-25-72 PBTD 14,485'. Cond. mud. Rec. fish. Layed down 3-1/2" to inspect. RIH w/4-1/8" bit on 2-7/8" tbg.
- 4-26-72 PBTD 14,485'. Prep to pull tbg & reperf.
- 4-27-72 PBTD 14,485'. PU frac string.
- 4-28-72 PBTD 14,485'. Tripping. Finished PU 3½'' tbg. Broke circ @ top of liner. Now going in hole to test tbg string & spot 500 gal. acid across perfs 13,972-14,439 for frac.
- 5-1-72 PBTD 14,485'. Tripping. Sptd 500 gal. acid across perfs 13,972-14,439'. Could not reset pkr. POOH. Reran new pkr & set @ 13,928'. Sptd 4000 gal. acid. Frac 13,972-14,439 w/4000 gal. acid, 6000 gal. My-T-0il, 4000 gal. My-T-0il w/1/2 ppg sand, 3100 gal. My-T-0il w/1/2 ppg glass beads. Over rate 10-11 BPM, press 10,800-11,000 psi. Started screening out @ 1-3 BPM, press 11,000-13,200 psi. Tubing split. Rev. out. POOH, tbg split @ 6718'. Set CIBP @ 13,950'. Perf 23 holes 13,605-892'. Now rng pkr.
- 5-2-72 14,485' PBTD. Prep to frac. RIH w/pkr. Tested the string & CIBP to 9500 psi. Spotted 400 gal. acid across perfs 13,605-892. Picked up & set pkr @ 13,532. Now spotting acid for breakdown & frac.

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/		ATE OF UTAH	SUBMIT IN TRIPLICATE* (Other instructions on reverse side)	5. LEASE DESIGNATION AND SI	RIAL NO.
,	OIL & GAS CONS	ERVATION COMMISSION	verse side)	Fee	
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ī.	OR ATTEMO	TION FOR PERMIT— for such proposi		7. UNIT AGREEMENT NAME	
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	NAME OF OPERATOR			8. FARM OR LEASE NAME	
_	Chevron Oil Company	- Western Division		B. Hartman Unit	
•	ADDRESS OF OPERATOR			9. WELL NO.	
_	P. O. Box 599 D	enver, Colorado 80201	maguiraments \$	1-31A3 10. FIELD AND FOOL, OR WILD	CAT
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4.	PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, C	IR, etc.)	12. COUNTY OR PARISH 18. S	
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	FRACTURE TREAT	AULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING	
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-	REPAIR WELL (Other) DESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is directionent to this work.) *	ABANDON*	(Other) (Note: Report results Completion or Recompleting and give pertinent dates, and measured and true vertical	ABANDONMENT* Progress Report of multiple completion on Wel	
•	REPAIR WELL (Other) DESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is directionent to this work.) *	RATIONS (Clearly state all pertinent detainally drilled, give subsurface locations in	(Other) (Note: Report results Completion or Recompleting and give pertinent dates, and measured and true vertical	ABANDONMENT* Progress Report of multiple completion on Wel	
-	REPAIR WELL (Other) DESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is directionent to this work.) *	RATIONS (Clearly state all pertinent detainally drilled, give subsurface locations in	(Other) (Note: Report results Completion or Recompleting and give pertinent dates, and measured and true vertical	ABANDONMENT* Progress Report of multiple completion on Wel	
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18. I hereby certify that the foregoing is true and correct J. W. Greer Division Drlg. Supt. 5-2-72 (This space for Federal or State office use) APPROVED BY ________ CONDITIONS OF APPROVAL, IF ANY: DATE

CHEVRON CIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL MAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{h}^{1} , Sec. 31, T1S, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

3-10-72 13,032' drilling.

3-13-72 13,178' drilling.

3-14-72 13,262' drilling.

3-15-72 13,293' drilling.

3-16-72 13,330' trip.

3-17-72 13,354' drilling.

3-20-72 13,531 trip.

3-21-72 13,531' drilling.

3-22-72 13,625' drilling.

3-23-72 13,729' drilling.

3-24-72 13,825' drilling.

3-27-72 13,939' drilling.

3-28-72 14,052 drlg.

3-29-72 14,153' drlg.

3-30-72 14,173' drlg.

CCRS

3-31-72 14,283' drilling.

4-3-72 TD 14,460' fishing.

4-4-72 TD 14,460' fishing.

4-5-72 TD 14,460' trip. Recovered fish.

4-6-72 TD 14,500' Tripping.

4-7-72 TD 14,500' Trip. Ran logs: DIL, BHC-Sonic. Schl. TD 14,481'.

4-10-72 TD 14,500'. PU tbg. Ran 63 jts. 2662', 5" OD, 18#, P-110 FJ 1nr. Hanger @ 11,835'. Landed 14,497'. Cmtd w/300 sx. Good circ. Set pkr & sqzd 6 bb1s cmt @ 3/4 BPM @ zero-1050 psi. Float held. WOC 8 PM 4/8/72. Rev. out 34 bb1s cmt. POOH. Ran 6-1/8" bit, no cmt above 1nr. Layed down DP. Picked up

CHEVRON GIL COMPANY WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{π}^{1} , Sec. 31, T1S, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

4-11-72 14,500' TD. Drlg. out. Finished picking up 2-7/8" tbg and tagged top of liner 11,835'. Drlg out flapper valves @ 11,848' & landing collar @ 14,414'. Found no emt to 14,470'. Drld out soft emt to 14,478'.

4-12-72 14,500' TD. Rigging up to pick up tbg.

4-13-72 14,500' TD. 14,485' PBTD. Cond. mud. Finished PU frac string.

4-14-72 14,485' PBTD. Perforating.

14,485 PETD. Fracing perfs 14,439-13,972. 4-17-72

4-18-72 14,485' PBTD. Attempting to frac. Spotted acid to pkr @ 13,926 and set pkr for first stage frac. Press up to 10,000 psi but unable to break down perfs 13,972-14,439. Release pkr and reversed out acid. Lowered pkr & spotted 500 gal. acid across perfs. Set pkr 13,926. Pumped in & broke down perfs @ 4500 psi w/mud in tbg. Spotted acid for first stage frac of perfs 13,972-14,439. Set pkr & pumped in @ 3 bbls/min @ 9000 psi. After 12 bbls of acid in formation, press went to 9500 psi. Shut down & bled off tbg press to zero. Pumped 5½ bbls acid @ 3 bbls/min w/8200 psi before balling out @ 9200 psi. Bled off press. Pumped in another 6 bbls acid @ 2 bbls/min @ 8600 psi before balling out. Bled off press again. Pumped in another 5½ bbls acid @ 2 bbls/min w/8400-8600 psi before balling out. Bled off press. Pumped in add'1 4 bbls acid @ 2 bbls/min w/8800 psi before balling out. Total acid in 22½ bbls. Lack 43½ bbls acid to get in. Bled off tbg press & waiting for balls to drop off. Plan to postpone frac until adding T-105 tbg to top of string for. higher surface pressure.

14,485' PBTD. Tripping. Worked total of 29 bbls acid into formation 4-19-72 after repressuring to 9200-9500 psi. 3 more times. Unable to work any more acid into formation. Appears only 1 to 2 holes open. Released pkr & reversed out oil & remaining acid. Rigged down frac eqip. Lowered pkr & picked up RBP. POOH w/tbg. Now going in hole w/pkr only to perform frac of perf. 13,972-14,439 after arrival of P-105 tbg string to attain higher surface pressures.

CHEVRON OIL COMPANY

. WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: $NE^{\frac{1}{4}}$, Sec. 31, TLS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

- 4-20-72 14,485' PBTD. WO P-105 tbg to frac @ higher pressure.
- 4-21-72
 14,485' PBTD. Attempting to reset pkr for frac. RIH & set pkr @ 14,450'. Tested tbg to 9500 psi. Rel. pkr. Spotted 500 gal. acid across perfs 13,972-14,439'. Installed 3 jts of P-105 tbg at top.
- 4-24-72 14,485' PBTD Tripping. Attempted to reset pkr w/no success. POOH.

 RIH w/new pkr & set @ 14,450'. Press tbg to 9500 psi & press broke to 2300 psi. POOH checking for hole in tbg on bad pkr w/no success.

 RIH w/new pkr to top of liner. Dropped test ball & circ @ 2 bbls/min w/1200 psi. POOH & found 8" split below box in 7th jt of 2-7/8" tbg above pkr. RIH w/new pkr & set @ 14,452'. Tested tbg to 9500 psi.

 PU & reset pkr @ 13,932'. Spotted 4000 gal. acid. Started frac & tbg parted @ 10,100 psi w/300 gal. oil behind acid. PU & reversed out acid. POOH w/4199' tbg & split collar on bottom. RIH w/overshot & engaged fish. Released pkr & reversed out acid in fish. Now POOH w/fish.
- 4-25-72 PBTD 14,485'. Cond. mud. Rec. fish. Layed down 3-1/2" to inspect. RIH w/4-1/8" bit on 2-7/8" tbg.
- 4-26-72 PBTD 14,485'. Prep to pull the & reperf.
- 4-27-72 PBTD 14,485'. PU frac string.
- 4-28-72 PBTD 14,485'. Tripping. Finished PU 3½'' tbg. Broke circ @ top of liner. Now going in hole to test tbg string & spot 500 gal. acid across perfs 13,972-14,439 for frac.
- 5-1-72 PBTD 14,485'. Tripping. Sptd 500 gal. acid across perfs 13,972-14,439'. Could not reset pkr. POOH. Reran new pkr & set @ 13,928'. Sptd 4000 gal. acid. Frac 13,972-14,439 w/4000 gal. acid, 6000 gal. My-T-0il, 4000 gal. My-T-0il w/1/2 ppg sand, 3100 gal. My-T-0il w/1/2 ppg glass beads. Over rate 10-11 BPM, press 10,800-11,000 psi. Started screening out @ 1-3 BPM, press 11,000-13,200 psi. Tubing split. Rev. out. POOH, tbg split @ 6718'. Set CIBP @ 13,950'. Perf 23 holes 13,605-892'. Now rng pkr.
- 5-2-72 14,485' PBTD. Prep to frac. RIH w/pkr. Tested the string & CIBP to 9500 psi. Spotted 400 gal. acid across perfs 13,605-892. Picked up & set pkr @ 13,532. Now spotting acid for breakdown & frac.

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OIL WELL WELL CAS WELL Chevron Oil Co. 3. ADDRESS OF OPERATOR	AS CONSE	TE OF UTAH RVATION CO CES AND REF	PORTS ON	(Other instructions on reverse side) WELLS o a different reservoir.	Fee 6. IF INDIAN, ALLOTTE	
OIL WELL WELL CAS WELL Chevron Oil Co. 3. ADDRESS OF OPERATOR	DRY NOTION OF THE PROPERTY OF	CES AND REF	PORTS ON			E OR TRIBE NAME
OIL WELL WELL OIL WELL WELL ONAME OF OPERATOR Chevron Oil Co. Address of Operator	orm for proposa Use "APPLICA"				6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
OIL GAS WELL C. NAME OF OPERATOR Chevron Oil Co. ADDRESS OF OPERATOR						
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	mpany' - W	estern Divisi	Lon		B. Hartman U	mit
n o n Eoo	75	O-1	-d- 00201			
P. O. Box 599 4. LOCATION OF WELL (Rep. See also space 17 below	port location cle	enver, Colora	e with any State	requirements.*	1-31A3 10. FIELD AND FOOL, 0	R WILDCAT
See also space 17 below At surface	·.)				Altamont-Mil	es & 1-26
1019' FNL & 1024'	FEL	(NEŻNEŻ)			11. SEC., T., R., M., OR SURVEY OR AREA	BLK, AND
		-			S31, T1S, R3	
14. PERMIT NO.		15. ELEVATIONS (Show		R, etc.)	12. COUNTY OR PARISE	1 18. STATE
	<u></u>	KB (<u> 6286 '</u>		Duchesne	Utah
16.	Check App	ropriate Box To 1	ndicate Natur	e of Notice, Report, or	Other Data	
NO	TICE OF INTENT	ю то:	1	SUBSE	QUENT REPORT OF:	
TEST WATER SHUT-OFF	PU	LL OR ALTER CASING		WATER SHUT-OFF	REPAIRING	WELL
FRACTURE TREAT	M	LTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING C	ASING
SHOOT OR ACIDIZE	AE	ANDON*		SHOOTING OR ACIDIZING	ABANDONME	
REPAIR WELL	cı	ANGE PLANS			ss Report ts of multiple completion	on Well
(Other) 17. DESCRIBE PROPOSED OR C proposed work. If w					ts of multiple completion pletion Report and Log fo	

CHEVRON DIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

ALTAMONT

LOCATION: NE_{L}^{1} , Sec. 31, T1S, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

- 5-3-72 PRTD 14,485'. Reperforating 13,605-892. Set pkr 13,532'. Spotted 4000 gal. acid. Could not break down perfs 13,605-13,892 w/13,500 psi. Rev HCl. POOH.
- 5-4-72 PBTD 14,485'. Perf 23 holes 13,605-13,892'. Sptd HCl across perfs. Set pkr. PI 4 bb1 HCl @ 2 BPM, 4950 psi. Sptd add'n1 1000 gal. HCl & PI @ 2-3 BPM, 5000-2750 psi. ISIP 1300 psi. Now sptg HCl and RCNB for frac.
- 5-5-72 PBTD 14,485'. Perforating. Sptd 4000 gal. acid & balls. Set pkr @ 13,532'. Broke down perfs 13,605-13,892' @ 4-6 BPM, 10,500-12,000 psi. Frac @ 12-14 BPM, 10,200-11,000 psi. Balled out after first stage. Max press 13,000. ISIP 12,800, 10 min SIP 7400 psi. 30 min 7000 psi. Pulled pkr. Set CIBP @ 13,550'.
- PBTD 14,485'. Trip. Perf 31 holes 13,017-498'. Ran pkr. Tstd CIBP & tbg 9500 psi. Press broke to 3400 psi after 15 min. POOH. Split in 2-7/8" tbg, 48 jts up from btm. Reran pkr. tsts. CIBP & tbg to 9500 psi. Sptd HCl across perfs. Set pkr @ 12,910'. Sptd 4000 gal. HCl w/RCNB. Started breaking down perfs. Pmpd in 2550 gal. HCl at 3-5 BPM, 10,200-12,800 psi. CP incr 3400-3700 psi. Bled off tbg & CP bled to zero. Dropped off balls & pmpd in remaining 1450 gal HCl at 3 BPM & 8000 psi. CP 300-1700 psi. POOH. Hold down button washed out in pkr. Now rng new pkr.
- 5-9-72 PBTD 14,485'. Trip. Ran pkr & attempt test tubing. Press broke 9100 psi to zero. Found split in 3-1/2" tbg @ 5000'. Layed down 3-1/2" tbg. Now picking up P-105, 3-1/2" tbg.
- PBTD 14,485'. Tripping. Finished PU 3-1/2" P-105 tbg string. Set pkr @ 13,512'.

 Press string to 8350 psi & press broke to 1900 psi. Repress to 7400 psi & broke to 900 psi. Reset pkr @ 13,518' & press to 1400 psi. Started circ hole @ 1250 psi. Dropped test ball & POOH to find tbg leak.
- 5-11-72

 14,485' PBTD. Prep to spot acid. Tripped & found split in 7th jt of 2-7/8"
 P-105 tbg above pkr, 12" below box. PU new pkr RIH w/2-7/8" tbg. Dropped test ball & tested to 3000 psi. Continued in hole & set pkr @ 13,518' & tested tbg & tools to 9400 psi. Released pkr & spotted acid across perfs 13,107-498'. PU & set pkr @ 12,885'. Now prep to spot 4000 gal. acid for breakdown & frac.
- 5-12-72 14,485' PBTD. Prep to perf. W/pkr set @ 12,885' fraced perfs 13,017-498' @ avg rate 12-1/2 BPM w/avg press 9300 psi. Balled out after first stage @ 14,000 psi. ISI 10,500 psi. 10 min 6300 psi. 30 min 5200 psi. 2 hr. 5000 psi. Reversed out & cond. mud. POOH w/pkr. Prep to set CIBP & perf next interval.

Sabine
Shell
Hiko Bell
King Silver
Martinets

CHEVRON DIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A

FIELD:

ALTAMONT

LOCATION: NE_{L}^{1} , Sec. 31, TlS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

- 14,485' PBTD. Drlg. out. Set wireline CIBP @ 12,996'. Perfed 15 zones from 12,673-12,952 w/l hole/zone. RIH w/pkr tested bridge plug, pkr & tbg string to 9500 psi. Spotted acid across perfs. PU & set pkr @ 12,533'. Spotted 4000 gal. acid w/balls & broke down perfs fraced @ 8.8 BPM avg rate, 10,000 psi avg press. Balled out after first stage @ 14,000 psi. ISI 12,700 psi, 10 min 9000 psi, 30 min 6700 psi, 2 hr. 6000 psi. Reversed out & cond. mud. POOH w/pkr & RIH w/pkr milling tool. Tagged @ 12,955'. Cleaned out 41'. Drld out CIBP @ 12,996' in 3 hrs. Tagged @ 13,500', cleaned out 50'. Drld out CIBP @ 13,550' in 5-1/2 hrs. Plug fell & retagged 13,830' continuing to drl out.
- 5-16-72 14,485' PBTD. Drlg out. Dulled mill @ 13,830' & tripped. Rec. considerable junk in sub & milling shoe worn out. RIH w/another pkr milling shoe & tagged @ 13,830'. Drld up 2nd bridge plug in 2-1/2 hrs. Cleaned out 120' to CIBP @ 13,950'. Drld out BP in 6-3/4 hrs. & fell free to 14,396'. Cleaned out to 14,400' continuing to clean out. Lack 66'.
- 5-17-72 14,485' PBTD. Tripping. Cleaned out to 14,478'; 7' off PBTD. Unable to get deeper. Circ & cond mud. POOH, laying down frac string.
- 5-18-72 14,485' PBTD. Prep to run production string. Finished laying down frac string. Ran GR tracer log. Set Model D production pkr @ 11,759' w/bottom of stinger @ 11,830'. Top of liner @ 11,820'. Rigging up to hydrotest in w/production string.
- 5-19-72 14,485' PBTD. Prep to kill well. Hydrotested in w/prdn string & spaced out. PU 10' & reversed out mud w/wtr. When knockout plug & stinger below pkr apparently failed & well came in. Now prep to kill well w/tbg press 4000 psi & csg press 4000 psi to set blanking plug in nipple below pkr.
- 5-22-72 14,485' PBTD. Killed well w/mud. Set blanking plug below pkr. @ 11,827'. Circ. mud from hole w/treated water. Landed 2 7/8" tbg. in pkr. @ 11,759'. Landed 1 1/2" tbg. @ 3987'. Installed tree. Released rig @ 4:00 PM, 5-21-72. RDR.
- 5-23-72 14,485' PBTD. MOR.
- 5-24-72 14,485' PBTD. MOR.
- 5-25-72 14,485' PBTD. MOR.
- 5-26-72 14,485' PBTD. Prep surface facilities.

Sabine She11 Hiko Bell King Silver Martinets

CHEVRON DIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A

FIELD:

ALTAMONT

LOCATION: NE_{μ}^{1} , Sec. 31, Tls, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

5-30-72 14,485' PBTD. Removing back press. valves in tree. Prep. to retrieve blanking plug and tbg string.

5-31-72 14,485' PBTD. Removed back pressure valve in tree. Attempted to remove blanking plug in tbg. string. Wireline parted. Fish came out of hole. Now attempting to remove blanking plug again.

	TE OF UTAH ERVATION COMMISSION	SUBMIT IN TRIPLICATE® (Other instructions on reverse side)	5. LEASE DESIGNATION AT FEE 6. IF INDIAN, ALLOTTEE	
SUNDRY NOTI	CES AND REPORTS ON	WELLS to a different reservoir.	7. UNIT AGREEMENT NAM	
OIL WELL OTHER WELL WELL OTHER Chevron Oil Company -	Western Division		8. FARM OR LEASE NAME B. Hartman Un 9. WELL NO.	
P. O. BOX 599 L. LOCATION OF WELL (Report location of See also space 17 below.) At surface	Denver, Colorado 8 early and in accordance with any Sta	0201 te requirements.*	1-31A3 10. FIELD AND FOOL, OR Altamont-Mile 11. SEC., T., E., M., OR BL SUBYEY OR ARBA	es & 1-26
1019' FNL & 1024' FEL	(NEZNEZ) 15. ELEVATIONS (Show whether DF, RT K.B. 6286)	, GR, etc.)		BW. USB& 18. STATE Utah
6. Check Ap	propriate Box To Indicate Nation to:	ure of Notice, Report, or (UNNI REPORT OF:	
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	Completion or Recomp	ABANDONMEN Progress Repo s of multiple completion colletion Report and Log for	rt X
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPP proposed work. If well is direction nent to this work.) *	RATIONS (Clearly state all pertinent donally drilled, give subsurface location	letails, and give pertinent dates is and measured and true vertion	al depths for all markers	and zones pe

See attached June, 19/2

18. I hereby certify that the foregoing is true and correct SIGNED	TITLE	A. V. Petersen Drilling Engineer	DATE _	7-6-72
(This space for Federal or State office use)		•		
APPROVED BY	TITLE		DATE _	

Sabine
Shell
Hiko Bell
King Silver
Martinets

CHEVRON GIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A3

FIELD:

- CD C

ALTAMONT

LOCATION: NE_{11}^{1} , Sec. 31, TlS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

- 5-30-72 14,485' PBTD. Removing back press. valves in tree. Prep. to retrieve blanking plug and tbg string.
- 5-31-72 14,485' PBTD. Removed back pressure valve in tree. Attempted to remove blanking plug in tbg. string. Wireline parted. Fish came out of hole. Now attempting to remove blanking plug again.
- 6-1-72 14,485' PBTD. Ran wireline retrieving tool but unable to latch blanking plug. Ran impression block. No indication of being on plug. Rigged down wireline unit. Waited on and rigged up McCullough. Now running sinker bars to attempt to knock out plug.
- Ran wireline sinker bars and found no fill on top of blanking plug. Ran wireline overshot but unable to retrieve plug. Ran chemical cutter and cut off above plug @ 11,825', 4½' from bottom of tbg. SITP 4000 psi. Turned to battery to test.
- 6-5-72 14,485' PBTD. 6-2-72 1209 BO, 11 BW, 17/64" choke, 2500 TP, 100 FL, 24 hours. 6-3-72 1393 BO, 9 BW, 20-34/64" choke, 3300 TP, 140 FL, 18 hours, 6-4-72 2225 BO, 0 BW, 30/64" choke, 1700 TP, 180 FL, 21 hours gauge time.
- 6-6-72 14,485' PBTD. Flowed 2355,BO, 4 BW, 28/64" choke, 1500 TP.
- 6-7-72 14,485' PBTD. Flowed 2202 BO and 7 BW in 24 hours, 28/64" choke, TP 1700 psi.
- 6-8-72 14,485' PBTD. Flowing 1870 BO, 6 BW in 24 hours, 28/64" choke, TP 1200.
- 6-9-72 14,485' PBTD. Flowing 2047 BO and 9 BW in 24 hours, 28/64" choke, TP 1200.
- 6-12-72 14,485' PBTD. 6-9 Flowed 1768 BO & 3 BW, 28/64" ch, TP 800. 6-10 Flowed 1927 BO & 8 BW, 28/64" ch, TP 750. 6-11 20 hrs. flowed 1485 BO & 64 BW, 28/64" ch, TP 800. Down 4 hrs hooking up separator.
- 6-13-72 Flowed 1768 BO, 4 BW, 24 hrs, 28/64" ch, TP 800.
- 6-14-72 Flowed 1742 BO, 0 BW, 28/64" choke, TP 600.
- 6-15-72 Flowed 1892 BO, 17 BW, 28-40/64; ch, TP 400.
- 6-16-72 Flowed 1716 BO, 8 BW, 43/64", TP 400. Final Report.

Ph374

Form OGCC-1 be

OGCC-1 be	STATE OF UTAH	SUBMIT IN TRIPLICATE	
011 & 649	S CONSERVATION COMMIS	(Other instructions on reverse side)	5. LEASE DESIGNATION AND SERIAL NO.
	——————————————————————————————————————	310N	Fee
	Y NOTICES AND REPORTS of for proposals to drill or to deepen or plus e "APPLICATION FOR PERMIT—" for suc		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1.			7. UNIT AGREEMENT NAME
WELL WELL WELL 2. NAME OF OPERATOR	OTHER		S. FARM OR LEASE NAME
	mpany - Western Division		B. Hartman Unit
8. ADDRESS OF OPERATOR			9. WELL NO.
P. O. Box 599	Denver, Colorad	lo 80201	1-31A3 10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	t location clearly and in accordance with a	any State requirements.	Altamont-Miles & 1-26
1019' FNL & 102	24' FEL (NEZNEZ)		S. 31, T1S, R3W, USB&M
14. PERMIT NO.	15. BLEVATIONS (Show whether KB 6286		12. COUNTY OR PARISH 18. STATE Duchesne Utah
. 6. <i>C</i>	Check Appropriate Box To Indicate		
	B OF INTENTION TO:		UENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	Progress Report X
REPAIR WELL (Other)	CHANGE PLANS	(Other)(Note: Report result	s of multiple completion on Well pletion Report and Log form.)
See attached Ju	une, 1972 daily drilling	report.	
8. I hereby certify that the f	61 -	A. V. Petersen	
SIGNED C		Drilling Engineer	DATE 7-6-72
(This space for Federal or	r State Omce use;		
APPROVED BY	TITLE		DATE

Sabine Shell ... Hiko Bell King Silver Martinets

CHEVRON DIL COMPANY

WESTERN DIVISION

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: CHEVRON B. HARTMAN UNIT #1-31A

FIELD:

6-7-72

~ ~ O ~

ALTAMONT

LOCATION: NE_{h}^{1} , Sec. 31, TlS, R3W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

- 5-30-72 14,485' PBTD. Removing back press. valves in tree. Prep. to retrieve blanking plug and tbg string.
- 5-31-72 14,485' PBTD. Removed back pressure valve in tree. Attempted to remove blanking plug in tbg. string. Wireline parted. Fish came out of hole. Now attempting to remove blanking plug again.
- 6-1-72 14,485' PBTD. Ran wireline retrieving tool but unable to latch blanking plug. Ran impression block. No indication of being on plug. Rigged down wireline unit. Waited on and rigged up McCullough. Now running sinker bars to attempt to knock out plug.
- 6-2-72 Ran wireline sinker bars and found no fill on top of blanking plug. Ran wireline overshot but unable to retrieve plug. Ran chemical cutter and cut off above plug @ 11,825', 42' from bottom of tbg. SITP 4000 psi. Turned to battery to test.
- 14,485' PBTD. 6-2-72 1209 BO, 11 BW, 17/64" choke, 2500 TP, 100 FL, 6-5-72 24 hours. 6-3-72 1393 BO, 9 BW, 20-34/64" choke, 3300 TP, 140 FL, 18 hours, 6-4-72 2225 BO, 0 BW, 30/64" choke, 1700 TP, 180 FL, 21 hours gauge time.
- 6-6-72 14.485' PBTD. Flowed 2355, BO, 4 BW, 28/64" choke, 1500 TP.
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- 6-9-72 14,485' PBTD. Flowing 2047 BO and 9 BW in 24 hours, 28/64" choke, TP 1200.
- 6-12-72 14,485' PBTD. 6-9 Flowed 1768 BO & 3 BW, 28/64" ch, TP 800. 6-10 Flowed 1927 BO & 8 BW, 28/64" ch. TP 750. 6-11 20 hrs. flowed 1485 BO & 64 BW, 28/64" ch, TP 800. Down 4 hrs hooking up separator.
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- 6-15-72 Flowed 1892 BO, 17 BW, 28-40/64' ch, TP 400.
- 6-16-72 Flowed 1716 BO, 8 BW, 43/64", TP 400. Final Report.



			SODMII	114	DOLLIGHT
E	OF	UTAH			(See oth

DUPLICAT	E *	1		
(See ot		·		
struction reverse		5. LEASE D	ESIGNA	TION AND SERIAL NO
		Fee		
LOG	*	6. IF INDIA	N, ALL	OTTEE OR TRIBE NAM
LOG		_		
		7. UNIT AGE	REEMEN	T NAME
] .		
		S. FARM OR	LEASE	NAME
		B. Har	rtma	n Unit
		9. WELL NO		
		1-31A	3	
Δ,				L, OR WILDCAT
).•		Altamo	ont l	Wiles & 1-26
		11. SEC., T.,	R., M.,	Miles & 1-26 OR BLOCK AND SURVEY
		OR AREA		
		Sec.31	T-	1-S
	: . 5:	R-3-W		
SUED		12. COUNTY		13. STATE
		Duches	sne	Utah
TIONS (DF.	RKR.	RT, GR, ETC.)*	- 40	ELEV. CASINGHEAD
' KB	,			
23. INTER	VALS	ROTARY TO	ols	CABLE TOOLS
DRILLI	ED BY	Voc		l No
	<u> </u>	Yes	2	NO NO DIRECTIONAL
				SURVEY MADE
	-			NO
			27. W	AS WELL CORED
				No
well)				
	NTING	RECORD		AMOUNT PULLED
7 F				
75 25				
<u> 25</u>				
50				
		TIDING DEG	OBB	
i0.		TUBING REC		
SIZE		DEPTH SET (M	4D)	PACKER SET (MD)
2-7/	<u>8 1</u>	L1,778		11,759
g <u>1-1/</u>	2	3987		
		URE, CEMEN		
(MD)	AM			MATERIAL USED
	<u>4500</u>			<u> </u>
	<u>7550</u>	gal 15%	HCL	L
2	<u> 1056</u>	8 ga1 15	% HC	L
) ;	<u> 2050</u>	0 gal 15	% HC	L
e of pump)	l shu	ıt-in)	s (Producing or
			oduc	
GAS-MCF.		WATER-BBI	ن.	GAS-OIL BATIO
1759		4		1080
w	ATER-	-BBL.	OIL G	RAVITY-API (CORR.)
	-	·		41.0
		TEST WITNE	SSED B	¥
		F. Use	ry	

	0.11		SIRIL		1 A II			struc	ctions or rse side)	5 IRAGE T	ESIGNA	TION AND SERIAL NO
	OIL 8	ε GAS C	ONSER	VATIC	N CON	MISSIO	N			Fee		
WELL CO	MPLET	ON O	R RECO	MPLE	TION	REPORT	AND	LO	G *	6. IF INDIA	N, ALL	OTTEE OR TRIBE NAM
1a. TYPE OF WE	LL:	OIL D	GAS WELL		DRY [Other				7. UNIT AG	REEMEN	NT NAME
b. TYPE OF COM	IPLETION:		- "222		2111	· ·						
NEW X	WORK OVER	DEEP-	PLUG BACK	Di ni	FF. Svr.	Other				S. FARM OF	LEASE	NAME
2. NAME OF OPERA										− В. На	rtma	n Unit
Chevron C	il Comp	any - 1	Western	Divi	sion					9. WELL N		
3. ADDRESS OF OPE										1-31A	3	
P. O. Box	: 599 , I	enver,	Colora	do 80	201			ζ.		10. FIELD	ND POO	OL, OR WILDCAT
4. LOCATION OF WE	LL (Report	location cle	arly and in			y State requi	rements).•		Altam	ont :	Miles & 1-26
At surface 1019 S of	N & 10	04' 24 ' W (of E	(NE	NE)					11. SEC., T.	, R., M.,	OR BLOCK AND SURVEY
At top prod. in			,	(2122	1111)		**					
									4.	Sec.31	-	
At total depth										R-3-W		BM 13. STATE
				1/2	PERMIT NO.		DATE IS	SCED		12. COUNTY PARISH		
	1 10			1700	113 2					Duche		Utah ELEV. CASINGHEAD
15. DATE SPUDDED			ED 17. DA			o proa.) 18			of, RKB,	RT, GR, ETC.)*	19.	ELEV. CASINGREAD
12-16-71	4-5-		_	-21-72		TIPLE COVE		* KB	mnu a r o	ROTARY TO	01.9	CABLE TOOLS
20. TOTAL DEPTH, MD	& TVD		K T.D., MD &	E TVD	HOW M	TIPLE COMPL ANY*	"		LLED BY	i	OLB	
14500 24. PRODUCING INTE	BRAY (G) OF	1449		D. BOTTOL	No	WD AND TUDY			→	Yes	1 2	NO NO DIRECTIONAL
24. PRODUCING INTE	RVAL(S), OF	THIS COMP	LETIONTO	P, BUTTON	I, NAME (MU AND IVU)	•				-	SURVEY MADE
	•										-	NO
12,673'-14 26. TYPE ELECTRIC	.439' W	<u>asatch</u>									1 27. v	VAS WELL CORED
											'	No
BHC-GR DIL	FDC-GR	CNL-GR									<u> </u>	NO .
28.	WEIGHT	r, LB./FT.	CAS			ort all string	s set in		ENTING	RECORD		AMOUNT PULLED
7''			-									AMOUNT TODANS
10-3/4"	$ \frac{2}{}$		12,0		$-\frac{8-}{15"}$	3/4"	- (75				
18"	4	0.5		522 60			-	<u>25</u>				\
10	_			00	_		- -	50				
29.		LINE	R RECORI	<u> </u>	!		1 :	30.		TUBING REC	ORD	<u> </u>
SIZE	TOP (MD		rom (MD)		CEMENT*	SCREEN (M	-	SIZE		DEPTH SET (PACKER SET (MD)
			(/	-			-	2-7	7/0	11,778		11.759
5"	11848	1/	,497	30	0	heat s	ztrin			3987		119/39
31. PERFORATION RE				1 30	0	32.				TURE, CEMEN	T SQU	EEZE, ETC.
						DEPTH IN						MATERIAL USED
(see attacl	hed she	2 †)			•	12673-	952	<u></u>	4500) gal 15%	HCI	
(BCC actaci	ied biie					13017-		8 8			HCL	
						13605-					5% HC	
						13972-				00 gal 15		
33.*					PROI	OUCTION						
DATE FIRST PRODUCT	ION	PRODUCTION	METHOD (Flowing,	gas lift, pi	umping—size	and typ	e of pun	rp)		STATU ut-in)	s (Producing or
6-2-72		F1o	wing								coduc	cing
DATE OF TEST	HOURS TE	STED	CHOKE SIZE		'N. FOR PERIOD	OIL-BÉL.	7 .	GAS-M	CF.	WATER-BB	L.	GAS-OIL BATIO
6-17-72	24		64/64	1831		1628	ł	175	9	4		1080
FLOW. TUBING PRESS.	CASING PI		CALCULATED		-BBL.	GAS-	MCF.		WATER-	-BBL.	OIL G	RAVITY-API (CORR.)
300	_		\longrightarrow		_		-		-	-		41.0
34. DISPOSITION OF G	AS (Sold, us	ed for fuel,	vented, etc.)		·				TEST WITNE	SSED B	T .
Vented										F. Use	ery	
35. LIST OF ATTACH	MENTS											
Perforation												
36. I hereby certify		./ /	attached i	nformatio		lete and corr R. B. Wa		etermin	ed from			
SIGNED	mM	lach									TO 1	8/10/12
SIGNED	2000			_ T	T.T.F	Division	L'ng:	lneer		DAT	Ei	

NSTRUCTIONS

entitled, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be another, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not field prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure rests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments abould be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal of a described in accordance with Federal requirements. Consult local State term 18: indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form, adequately identified, interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 22, and in item 24 shown the produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. See Instruction for items 24 and 24 above.) General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency.

87. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES ON DEPTH INTERVAL TESTED, CUSH	COUS ZONES: RTANT ZONES OF POR TESTED, CUSHION U	OSITY AND CONTENT	MARY OF POROUS ZONES: BHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THERBOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PERSSURES, AND RECOVERIES	38. GEOLOG	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	
				MAN	MEAS. DEPTH	TRUE VERT. DEPTH
No DST's and	no cores				KB 6286	
				Duchesne River	Surface	
				Vinta	3760 (+2526)	C
				Green River	6002 (+284)	
				м	10937 (-4651)	$\overline{}$
				CP 90	11428 (-5142)	G.
				Transition	11538 (-5252)	S
				CP 210	13874 (-7588)	€
		· ·				

Perforations: * 2 Schl. Ayperjets/ft. using a 3-3/8" cs. Jun, thru 15.5 ppg mud.

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13,605, 13,615, 13,630, 13,659, 13,666, 13,670, 13,674, 13,697, 13,703, 13,712, 13,720, 13,743, 13,759, 13,764, 13,786, 13,793, 13,808, 13,813, 13,835, 13,842, 13,863, 13,882, 13,892, 13,972, 13,997, 14,016, 14,039, 14,066, 14,106, 14,128, 14,167, 14,181, 14,213, 14,216, 14,236, 14,252, 14,270, 14,323, 14,342, 14,388, 14,427, 14,439
```

1 Schl. Hyperjet/ft, using a 3-3/8" csg gun, thru 15.3 ppg mud.

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12,673, 12,678, 12,687, 12,704, 12,708, 12,740, 12,757, 12,771, 12,778, 12,834, 12,863, 12,866, 12,879, 12,921, 12,952, 13,017, 13,040, 13,066, 13,074, 13,080, 13,093, 13,103, 13,121, 13,144, 13,188, 13,193, 13,205, 13,217, 13,223, 13,252, 13,257, 13,268, 13,295, 13,305, 13,319, 13,331, 13,346, 13,358, 13,378, 13,413, 13,442, 13,451, 13,464, 13,470, 13,484, 13,498
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^{*} All depths corrected to Schl. G.R.-Sonic Log.

Form OGCC-1 be

M
V

	STATE OF UTAR	71	SUBMIT IN TR (Other instructi				
OIL & GAS	CONSERVATION C	OMMISS	monuo aldo)	V45 V4 16-	5. LEASE DESIGNA	TION AND 8	BRIAL NO.
					Fee		
	NOTICES AND R or proposals to drill or to de APPLICATION FOR PERMIT			voir.	6. IF INDIAN, ALL	OTTEE OR T	RIBE NAME
1.	ATTENDATION TOWN I BIOMIT	i ior saca	proposate.)		7. UNIT AGREEMEN	EMAN T	
	OTHER				8. FARM OR LEASE	· VAVB	
	npany – Western D	itzieion			B. Hartman		
8. ADDRESS OF OPERATOR	mpany western b	117191011			9. WELL NO.	I UIIIL	
P. O. Box 599	Denver, Col	orado 8	30201		1-31A3		
4. LOCATION OF WELL (Report lo See also space 17 below.)			y State requirements.*		10. FIELD AND POO	DL, OR WILD	CAT
At surface					Altamont-Mi	iles &	1-26
1010! C of N C	1024' W of E (NE	1-NT 12-1			11. SEC., T., R., M., SURVEY OR	, or ble. An Arba	D
1013 2 01 N &	1024 WOLE (NE	4NE4)			S 31, T1S,	. R3W.	IISBM
14. PERMIT NO.	15. BLEVATIONS (S	how whether D	F, RT, GR, etc.)		12. COUNTY OR PA		
		KB 628	36 '		Duchesne		Utah
6. Ch	eck Appropriate Box To	o Indicate I	Nature of Notice, Re	port, or O	ther Data		
NOTICE (F INTENTION TO:			SUBSEQU	ENT REPORT OF:		
TEST WATER SHUT-OFF	PULL OR ALTER CASIN	NG	WATER SHUT-OF		REPAIRI	ING WELL	
	MULTIPLE COMPLETE		FRACTURE TREAT	MENT	ALTERIN	NG CASING	
FRACTURE TREAT	1 MODILIDE COMILEIE						1
FRACTURE TREAT SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR AC	IDIZING	ABANDO	NMENT*	
	1		(Other)		-		
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLI proposed work. If well is nent to this work.) *	ABANDON* CHANGE PLANS	ubsurface locs	(Other) (NOTE: Re ('ompletion nt defails, and give pert ations and measured and	port results or Recomple inent dates, true vertica	of multiple completetion Report and Lo, including estimated depths for all man	tion on Weig form.) I date of strkers and z	arting and
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLI- proposed work. If well is nent to this work.) We plan to loca	ABANDON* CHANGE PLANS ETED OPERATIONS (Clearly State directionally drilled, give state of the s	ubsurface locs	(Other) (Note: Re (Completion Int details, and give pert tions and measured and SSIBLE casing STATE USGS PARTIV FIECD	port results or Recomple inent dates, true vertical leak and	of multiple completed on Report and Logincluding estimated a depths for all mandal acidize if	tion on Weig form.) I date of strkers and z	arting and
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLI proposed work. If well is nent to this work.)* We plan to local warranted.	ABANDON* CHANGE PLANS ETED OPERATIONS (Clearly sta directionally drilled, give state and cement square and cement square and correct	ueeze po	(Other) (Note: Re (Completion Int details, and give pert tions and measured and State USGS PARTN	port results or Recomple inent dates, true vertical leak and	of multiple completed on Report and Logincluding estimated a depths for all mandal acidize if	tion on Weig form.) I date of strkers and z	arting an
SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLIPIONS WORK. If well is nent to this work.)* We plan to local warranted.	ABANDON* CHANGE PLANS ETED OPERATIONS (Clearly sta directionally drilled, give state and cement square and correct tate office use)	ueeze po	(Other) (Note: Re (Completion int details, and give pert ations and measured and considerable casing STATE USGS PARTIV FIECD FICE B. WACKER	port results or Recomple inent dates, true vertical leak and	of multiple completed on Report and Logincluding estimated a depths for all mandard acidize if	tion on Weig form.) I date of strkers and z	arting any

PIMO

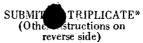
Forn

					θ'
OGCC-1 b•	STATE OF UTAH		SUBMIT IN TRIPLICATE® (Other instructions on re-		
OIL & GAS C	ONSERVATION COM	MISSION	verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
CUNIDAY	LOTICES AND DEDO	DTC ON	WELLC	Fee 6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
Do not use this form for Use "Al	NOTICES AND REPO proposals to drill or to deepen of PLICATION FOR PERMIT—" to	or plug back to or auch propose	o a different reservoir.		
OIL GAS OTH	H BR			7. UNIT AGREEMENT NA	MB
2. NAME OF OPERATOR Chevron Oil Comapny	- Western Division			8. FARM OR LEASE NAM B. Hartman U	
8. ADDRESS OF OPERATOR P. O. Box 599	Denver, Colorado {	30201		9. WELL NO. 1-31A3	
	tion clearly and in accordance v		requirements.	10. FIELD AND POOL, OR	WILDCAT
At surface				Altamont-Mile	s & 1-26
1019' S of N & 1024'	W of E (NE½NE½)			11. SEC., T., R., M., OR BI SURVEY OR ARBA	
14. PERMIT NO.	15. ELEVATIONS (Show w	hether DF, RT, O	R, etc.)	S 31, T1S, R3W	18. STATE
	KB	6286 '		Duchesne	Utah
16. Chec	k Appropriate Box To Indi	icate Natur	of Notice, Report, or C	Other Data	
NOTICE OF	INTENTION TO:		Joseph Barrier Committee C	JENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING		WATER SHUT-OFF	REPAIRING W	BLL
FRACTURE TREAT	MULTIPLE COMPLETE	4	FRACTURE TREATMENT	ALTERING CA	
SHOOT OR ACIDIZE	ABANDON*	-	SHOOTING OR ACIDIZING X	ABANDONMEN	T*
REPAIR WELL (Other)	CHANGE PLANS	7	(Other)	of multiple completion o	n Well
17. DESCRIBE PROPOSED OR COMPLET proposed work. If well is conent to this work.) *	ED OPERATIONS (Clearly state all lirectionally drilled, give subsurf	pertinent deta ace locations a	ils, and give pertinent dates, nd measured and true vertice	including estimated date il depths for all markers	of starting an and zones pert
Located and squeezed landed @ 11,879' wit Flared for 48 hours.	h heat string @ 398				
	7-74 1-74				
Production Before WO:	· · · · · · · · · · · · · · · · · · ·	1 BWPD			
rioduction After WO:	262 BOLD	O DWPD			

3 - State
2 - USGS
4 - Partners
1 - Field
1 - File

18. I hereby certify that the foregoing is true and correct SIGNED MARGIN A MARINE	TITLE _	Jennifer A. Mishler Engineering Assistant	DATE.	9-19-74
(This space for Federal or State office use) APPROVED BY	TITLE _		DATE .	

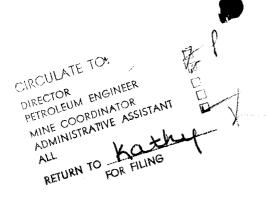
ATE OF UTAH



	MENT OF NATURAL RESOL ON OF OIL, GAS, AND MIN	•	5. LEASE DESIGNATION	AND BERIAL NO.
Division	JN OF CIE, GAS, AND WIN	invo	Fee	
SUNDRY NOT	ICES AND REPORTS On als to drill or to deepen or plug bandrion FOR PERMIT—" for such pro	N WELLS ck to a different reservoir.	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
1.			7. UNIT AGREEMENT NA	M#
WELL WELL OTHER				·
2. NAME OF OPERATOR			8. FARM OR LEASE NAM	
Chevron Oil Company 8. ADDRESS OF OPERATOR	- Western Division		B. Hartman	Unit
	Danzon Colomada 90	201	9. WELL NO.	
	Denver, Colorado 80:		1-31A3	P WIT DOLD
4. LOCATION OF WELL (Report location cl. See also space 17 below.) At surface	and in accordance with any p		Altamont-Wa	
			11. BEC., T., R., M., OR B	
1019' FNL & 1024' FE	ll (ne½ne½)		S 31,T1S, R3W	
14. PERMIT NO.	15. BLEVATIONS (Show whether DF, B	ar, GR, etc.)	12. COUNTY OR PARISH	
	KB 6286		Duchesne	Utah
16. Check An	propriate Box To Indicate Na	iture of Notice Report or C	Other Data	***************************************
NOTICE OF INTENT			JENT REPORT OF:	
			7	<u></u>
 1	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	
 	ULTIPLE COMPLETE BANDON*	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING CA	
	HANGE PLANS	(Other)		<u>-</u>
(Other)	[] <u> </u>	(Note: Report results	of multiple completion of etion Report and Log for	on Well
We plan to acidize p	er the attached			
we plan to actuize p	er the attached.			
RECEIVED JUN 15 1976 DIVISION & MILLION & MILL	APPROVED BY THE OIL, GAS, AND A DATE: -	HE DIVISION OF WINING	3-STATE 2 - USGS 1 - SAH 4 - PARTNERS 1 - FILE	
18. I hereby certify that the foregoing is	BY:	•		
SIGNED American (This/space for Federal or State office	Islu TITLE Eng	A. Mishler ineeringAssistant	DATE 6-14-	·76
APPROVED BY	TITLE	-	DATE	

Wel	1 Name Hartman 1-31A3
Fie	ld Altamont
	PROPOSED TREATMENT PROCEDURE
1.	Size and type of treatment: 15,000 gals 15% HC1
:	
2.	Intervals to be treated: 12,673-14,439
	and the second of the second o
3.	Treatment down casing or tubing: casing
4.	Disposal of treating fluid: Fluid to be flowed back to tanks if possible. If well will not flow, well will be swabbed.
5.	Anticipated additional surface disturbances: None
6.	Estimated work date: 6-23-76
7.	Present status and producing interval of well: flowing 79 BOPD & 66 BWPD through existing perfs.

,



July 15, 1976

MEMO FOR FILING:

Re: CHEVRON OIL COMPANY
#1 (1-31A3)
Sec. 31, T. 1 S, R. 3 W
USM, Duchesne Co., Utah

On July 7, 1976, a visit was made to the above referred to well site.

The following readings were taken at the time of the inspection:

Halliburton totalizer 192,903 bbls.
" on 2-6-76.... 111,279 bbls. (start up reading)

The equipment is in good shape, however, the location is in poor condition. The unlined emergency pit needs to be burned off and cleaned up.

CLEON B. FEIGHT DIRECTOR

CBF/th

cc: U.S. Geological Survey

/

August 2, 1976

CHEVRON OIL COMPANY 1700 Broadway P.O. Box 599 Denver, Colorado 80201

Gentlemen:

Attached hereto, is a copy of a memo relative to a recent well inspection.

Please read the memo carefully and make all necessary changes and/or repairs of the equipment as indicated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK L. DRISCOLL CHIEF PETROLEUM ENGINEER

PLD/tlb

Enclosure

Form OGCC-1 be

SUBMIT	IN	TRIPL	CA!	re+
(Other i	natr	uctions	OB	re-

	STATE OF UTAH	(Other instructions on a	re	
OIL & GAS	CONSERVATION COMMISS	SION verse side)	5. LEASE DESIGNATION Fee	AND BERIAL NO.
ALI ID D. (25. (i.) 2.7c	6. IF INDIAN, ALLOTTE	E OR TRIBE NAMI
	NOTICES AND REPORTS r proposals to drill or to deepen or plu rPLICATION FOR PERMIT—" for such			
1. OIL 🔯 GAS	13	MOV 22 1976	7. UNIT AGREEMENT NA	MB
2. NAME OF OPERATOR		45 .	8. FARM OR LEASE NAI	MB .
Chevron Oil Compan	y - Western Division	* Milyon	B. Hartman	Unit
ADDRESS OF OPERATOR	<u> </u>		9. WELL NO.	OHILL
P. O. Box 599 De	nver, Colorado 80201		1-31A3	
See also space 17 below.) At surface	cation clearly and in accordance with a	ny State requirements.*	10. FIELD AND POOL, O	
1019' FNL & 1024'	FFI (NELNEL)		Altamont-Wa	
1017 1111 0 1,924	ren (newert)		SURVEY OR AREA	
			S 31, T1S, R3	W, USB&M
4. PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH	
	KB 6286		Duchesne	Utah
3. Ch.	I A P. T. I II.	N. (N. B.	Oil Di	<u>.1</u>
- Che	ck Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data	
NOTICE OF	F INTENTION TO:	SUBSE	QUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	VELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	ASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	X ABANDONME	NT*
REPAIR WELL	CHANGE PLANS	(Other)		[]
(Other)		(Note: Report resul	ts of multiple completion pletion Report and Log for	on Well
	No additional sur disturbances req	rface uired		
3 - State	disturbances leg for this activit	y		
2 - USGS	TOI 3			
1 - JAH				
4 - Partners				
1 - File				
B. I hereby certify that the fores	wing is true and correct	A M4 -1-1	· · · · · · · · · · · · · · · · · · ·	
Jan .		. A. Mishler	11 10	_76
SIGNED /	// TITLE E	ngineering Assistant	DATE	-/0
(This space for Federal or St.	ate office use)	7.7		
APPROVED BY	TITLE		DATE	
CONDITIONS OF APPROVAL	L, IF ANY:			

WEL	L NAME Hartman 1-31A3
FIE	LD NAME Altamont
	COMPLETED TREATMENT PROCEDURE
1.	Size and type of treatment: 15,000 gals 15% HCl w/250# benzoic acid flakes
2.	Intervals treated: 12,673-14,439
3.	Treatment down casing or tubing. Tubing
4.	Methods used to localize effects: Benzoic acid flakes used as diverting agent.
5.	Disposal of treating fluid: Made 4 swab runs then well started flowing back to pit.

- 7. Time spent bailing and cleaning out: None
- 8. Date of work: 10/15-16/76
- 9. Company who performed work: Dowell
- 10. Production interval: 12,673-14,439
- 11. Status and production before treatment: Flowing

<u>Date</u>	BOPD	MCFD	BWPD
	79	_	66

12. Status and production after treatment: Flowing

Date	BOPD	MCFD	BWPD
10/27	92	-	13

DEPARTMENT OF NATURAL RESOURCES



	DIVISION OF OIL,		· · · - - ·	5. LEASE DESIGNATION Fee	N AND MERIAL NO.
	SUNDRY NOTICES AND (Do not use this form for proposals to drill or use "APPLICATION FOR PE	REPORTS to deepen or plug	ON WELLS back to a different reservoir. proposala.)	6. IF INDIAN, ALLOTT	TEB OR TRIBE HAME
ī.	OIL A GAS OTHER			7. UNIT AGREEMENT	NAMB
2.	NAME OF OPERATOR			8. FARM OR LEASE N	AMB
	Chevron U.S.A. Inc.			B. Hartman	Unit
8.	ADDRESS OF OPERATOR			9. WELL NO.	
	P. O. Box 599, Denver, Colorado	80201		1-31A3	
۹.	LOCATION OF WELL (Report location clearly and in ac See also space 17 below.) At surface	cordance with any	State requirements.*	10. FIELD AND POOL,	OR WILDCAT
				Altamont-N	
	1019' FNL & 1024' FEL (NE\ NE\)			11. SEC., T., R., M., OR SURVEY OR ARI	BLK. AND
		•		Con 21 T	TO DOIL TICD CM
14.	PERMIT NO. 15. BLEVATION	5 (Show whether DE	r, RT, GR, etc.)	12. COUNTY OR PARIS	'15, R3W, USB&M
		628 6	·	Duchesne	Utah
16.			1	i	000
 ,		t to Indicate N	lature of Notice, Report, c	or Other Data	
	NOTICE OF INTENTION TO:		SUB	SEQUENT REPORT OF:	
	TEST WATER SHUT-OFF PULL OR ALTER C	ASING	WATER SHUT-OFF	REPAIRING	WELL
	FRACTURE TREAT MULTIPLE COMPL	ETE	FRACTURE TREATMENT	ALTERING	CABING
	SHOOT OR ACIDIZE X ABANDON*		SHOOTING OR ACIDIZING	ABANDONM	ENT*
	REPAIR WELL CHANGE PLANS		(Other) (Note: Report res	sults of multiple completion	on Well
17	(Other) DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly	etata all partinon	Completion or Reco	ompletion Report and Log f	orm.)
	It is proposed to perforate, re 1. MI wireline unit, reverse 2. MI & RU WO Rig. NU BOPE & D pkr & displace hole w/tr RIH & retrieve mod "D" Loc 3. Check hole for fill and cl 4. MI perforating unit and pe 5. RIH w/Retr. Br. Plug & Ret 6. POOH w/tbg, Retr. D Loc Se 7. If well is flowing, RIH w/ 8. If well does not flow, POO pkr at 11,799. Circ well 9. RIH w/pump & place well on No additional surface C sturbances required for this activity.	circ pump to test. POO eated forms Set Pkr see ean out. rforate. Stra "D" Pkr to Pkr & britonera "b" to be with the set of the color of	to surface, fish out the world's parallel to ation water. POOH set at 11,799. See attached. Straddle interval idge plug. & Retr. "D", set at tbg. RIH w/2-7/8"	st standing valve bg. Unlatch fr w/2-7/8" tbg & H s and acidize. t 11,799, RD & M tbg & 1½" tbg 1	om Retr. Mydr. BHA. See attached. MO. Atch into
18.	I hereby certify that the foregoing is true and correct		CONTROL OF THE CONTRO		·
1	BIGNED Stum	TITLE Eng	ineering Assistant	Oct	ober 3, 1979
	(This space for Federal or State office use)				
	APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	

WELL NAME: B. Hartman Unit 1-31A3

FIELD: Altamont

PROPOSED PERFORATING PROCEDURE

- 1. Changes intended:
- 2. Results anticipated: Increased production.
- 3. Conditions of well which warrant such work: Decline in production.
- 4. To be ripped or shot: Shot.
- 5. Depth, number and size of shots (or depth of rips): 2 shots/ft.

14,252 14,267 14,270 14,296 14,323 14,389

12,676 12,687 12,706 12,752 12,758 12,771 12,778 12,883 12,852 12,920 12,923 12,951 12,999 13,007	13,047 13,052 13,060 13,065 13,074 13,080 13,093 13,113 13,141 13,144 13,164 13,170 13,179	13,217 13,223 13,252 13,257 13,270 13,289 13,295 13,305 13,319 13,331 13,346 13,358 13,378 13,382	13,412 13,449 13,454 13,465 13,468 13,474 13,483 13,498 13,546 13,552 13,563 13,563 13,588 13,605	13,617 13,630 13,640 13,659 13,666 13,670 13,674 13,703 13,712 13,720 13,748 13,759 13,774	13,781 13,786 13,793 13,806 13,812 13,820 13,834 13,842 13,880 13,883 13,912 13,917 13,950 13,966	13,990 13,996 14,006 14,016 14,030 14,064 14,068 14,106 14,114 14,120 14,128 14,215 14,234	
13,007 13,017		13,382 13,396	•	•	•		

- Date last Log of well filed:
- 7. Anticipated additional surface disturbances: None.
- 8. Estimated work date: October 20, 1979.
- 9. Present production and status:

<u>Date</u>	BOPD	MCFD	BWPD
8/79	142		330

WELL NAME: B. Hartman Unit 1-31A3

FIELD: Altamont

PROPOSED TREATMENT PROCEDURE

1. Objective: Increase production.

2. Size and type of treatment: 13,912-14,439 5600 gals MSR-100 13,605-13,892 5600 gals MSR-100 13,141-13,588 6000 gals MSR-100 12,673-13,121 4000 gals MSR-100

- 3. Intervals to be treated:
- 4. Treatment down casing or tubing: Tubing.
- 5. Method of localizing its effects: RBP, Packer and benzoic acid flakes to be used as diverting agents.
- 6. Disposal of treating fluid: Spent acid will be swabbed back to flat tank.
- 7. Name of company to do work: Dowell, Halliburton or Western.
- 8. Anticipated additional surface disturbances: None.
- 9. Estimated work date: October 21, 1979.
- 10. Present status, current production and producing interval:

Date	BOPD	MCFD	BWPD
8/7 9	142		330

All

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS CONSERVATION

1588 West North Temple

Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name	e and Numb	er Chevron-Har	tman #1-31A3			
Operator	Chevro	n Oil Company,	Western Divisio	on		
			Denver, Colo.			
Contracto	or					
	Address _		<u> </u>			
Location	NE 1/4,	NE 1/4, Sec	, <u>31</u> , <i>T</i> . <u>1</u>	$\frac{N}{2}$, R. $\frac{3}{2}$	E., Duchesn	e County.
	Well		luid. No data			
Fro	Depth:	To -		olume: te or Head -	Į	<u>Quality:</u> Tresh or Salty
1					-	
2,						
3						· · · · · · · · · · · · · · · · · · ·
· <u></u>			(Co	ntinue on Rev	erse Side if	<i>Necessary)</i>

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUL GAS AND MINING



<u>-</u> .	DIVISION OF OIL, GAS, AND MINING				
D. VISION O. 1012, 1010, 1010			FEE		
SUNDRY N (Do not use this form for Use "AP	6. IP INDIAN, ALLOTTES OR TRIBE NAME				
OIL TO UAR TO	TEN.	1201	T. UNIT AGREEMENT HAMB		
WELL WELL OTH	**	1981	S. FARM OR LEASE HAMB		
CHEVRON U.S.A. I	NC.		B. Hartman Unit		
ADDRESS OF OFSEATOR		DIVISION OF	9. WBLL NO.		
	enver, CO 80201	OIL GAS & MINING	1-31A3		
Bee also apace 17 below.) At surface	tion clearly and in accordance with a	by State requirements.			
1019'FNL & 1024F	ret (NE NE)		Altamont-Wasatch 11. esc., T., a., M., OB BLE. AND SURVEY OR ABBA		
1019 FNL & 1024F	EP (ME ME)				
			Sec. 31, T1S, R3W		
f. PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, OR, 044.)			
	KB 6296				
. Check	: Appropriate Box To Indicate	Nature of Natice, Report, or C			
NOTICE OF I	: OT KOITKETK	auamaqu	BNT REPORT OF:		
TEST WATER SHUT-OFF	FULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL.		
PRACTURE TREAT	MULTIPLE COMPLETE	SHOUTING OR ACIDIZING X	ABANDONMENT*		
REPAIR WELL	ABANDON®	(Other)			
(Other)		(Nors: Report results	of multiple completion on Well etion Report and Log form.)		
. MI & RU WO rig. NI out Retr D Packer.	ted, reperforated, and Tree, NU BOPE. POOH POOH w/2-7/8" tbg and casing scraper, cleaned	w/1-1/2" tbg. Milled a Hydra BHA.	3-State nd fished 2-USGS 4-Partner 1-JAH 1-SEC 723		
3. Perforated. See attached. 1-File					
. Found casing leak a	at 3922-3932. Pumped 4	400 sxs class G into hol s tested squeeze to 1950	e. RIH w/bit psi.		
. Found casing split	out to 1700'. Press to oss holes. Pumped 200 s tested squeeze to 200	ed 300 sxs class B into ested, would not hold. sxs class B into holes. On psi. Spotted 100 gal	Spotted 250 Drilled out		
gals. 15% acid acro cmt to 7100. Press squeeze and pumped		Press tested to 2000 ps	1.		
gals. 15% acid acro cmt to 7100. Press squeeze and pumped		Press tested to 2000 ps	1.		
gals. 15% acid acro cmt to 7100. Press squeeze and pumped . Acidized well. See	e attached. Swabbed ar	Press tested to 2000 ps	1.		
gals. 15% acid acro cmt to 7100. Press squeeze and pumped . Acidized well. See . RIH w/BHA, tbg and	e attached. Swabbed ar	Press tested to 2000 ps	i. d well w/2% KCL wtr.		
gals. 15% acid acro cmt to 7100. Press squeeze and pumped . Acidized well. See . RIH w/BHA, tbg and . ND BOPE. NU well h	e attached. Swabbed ar pump. nead.	Press tested to 2000 ps	i. d well w/2% KCL wtr. rface		
gals. 15% acid acro cmt to 7100. Press squeeze and pumped	e attached. Swabbed ar pump. nead. duction.	Press tested to 2000 ps Ind flowed well. Flushe No additional su	i. d well w/2% KCL wtr. rface		

WELL NAME: B. Hartman 1-31A3

FIELD: Altamont

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

- 2. Company doing work: Oil well perforators
- 3. Date of work: May 5, 1980
- 4. Additional surface distrubances: None
- 5. Production after work:

Date	<u>DQPD</u>	MCFD	BWPD
	Ŋ.		
6/80	181		238

WELL	NAME_	В.	Hartman	1-31A3	
	_		√7.*°		
FIELD NAME Altamont					

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment:

22,000 gals 15% MSR acid.

2. Intervals treated:

13,912-14,639

13,605-13,892 13,141-13,588 12,673-13,121

- 3. Treatment down casing or tubing: Tubing
- 4. Methods used to localize effects: RBP, packer and acid flakes were used as diverting agents.
- 5. Disposal of treating fluid: Swabbed and flowed well to flat tank.
- 6. Depth to which well was cleaned out: 14,409
- 7. Date of work: June 4, 1980
- 8. Company who performed work: Dowell
- 9. Production interval: 12,673-14,639
- 10. Status and production before treatment:

<u>Date</u>	BOPD	MCFD	BWPD
4/80	81		328

11. Status and production after treatment:

<u>Date</u>	BOPD	MCFD	BWPD
6/80	181		238

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTMENT	STATES THE INTERIO	SUBMIT IN TRIPLICA (Other instructions of verse side)	Budget Bureau No. Expires August 31, 5. LEASE DESIGNATION AND	1985
SUN (Do not we this	DRY NOTICES A	ND REPORTS O	N WELLS ck to a different reservoir. possals.)	6. IF INDIAN, ALLOTTEE OR	TRIBE NAME
1. OIL GAS				7. UNIT AGREEMENT NAME	
WELL WELL 2. NAME OF OPERATOR	OTHER			8. FARM OR LEASE NAME	
	Exploration	and Production	on Co.	B. HARTMAN UN	IT
3. ADDRESS OF OPERATOR				9. WELL NO.	
4. LOCATION OF WELL (R	2967, Housto	n, Texas 772!	52 tate requirements.*	1-31A3 10. FIELD AND POOL, OR W	ILDCAT
See also space 17 belo At surface	o₩.)			Bluebell-Alt	
1019' FN	NL & 1024' FEL	(NE 1/4, NE	1/4)	11. SEC., T., R., M., OR BLK. SURVEY OR AREA	AND
				Sec. 31, T.1	S.,R.3W
14. PERMIT NO.	15. ELEVA	TIONS (Show whether DF, 1	RT, GR, etc.)	12. COUNTY OR PARISH 13	. STATE
	30093 KB	6286 feet		Duchesne	Utah
16.	Check Appropriate	Box To Indicate No	iture of Notice, Report, o	or Other Data	
1	NOTICE OF INTENTION TO:		BUB	SEQUENT REPORT OF:	
TEST WATER SHUT-OF	PULL OR ALC	TER CASING	WATER SHUT-OFF	REPAIRING WELL	. X
FRACTURE TREAT	MULTIPLE C]	FRACTURE TREATMENT	ALTERING CAUIN	0
SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING	ABANDONMENT,	
REPAIR WELL	CHANGE PLA	NS	(Other)	ults of multiple completion on	Wejl
(Other)			Completion or Rec	mpletion Report and Log form.)	
17. DESCRIBE PROPOSED OF proposed work. If nent to this work.)	well is directionally drilled	learly state all pertinent l, give subsurface location	details, and give pertinent to ons and measured and crue ve	ites, including estimated date of rtical depths for all markers an	d gones perti-
. •	ORK PERFORMED	FROM 6-10-8	86 TO 7-23-86		•
2. CEMENT S NEAT CEM 3. DRILLED 4. RU SMITH	QUEEZED CASINMENT (15.8 PPGOUT CMT. RIHMENERGY TO ACMAL 15% HCL ATMENTS	G LEAK 3725'- , 1.15 YEILD) WITH 2 7/8" S IDIZE WASATCH 12.6 BPM AT	TBG, SET PACKER	SX CLASS "G" 12,001" ,674'-14,439' WI MITH.	гн
	. ^				
18. I hereby certify that	the foregoing is true and				
SIGNED KALPU	G. Will	TITLE Supe	ervising Engineer	DATE 6/24/87	7
	nal on State office men)				
(This space for Feder	ral or State office use)				
APPROVED BYCONDITIONS OF AF	PROVAL, IF ANY:	TITLE		DATE	



TUEIVEL

- 41/20 1945

KENNETH R. HUDDLESTON President

January 13, 1986

DIVISION OF O.

Division of Oil, Gas and Mining State of Utah 3 Triad Center, Suite 350 355 West North Temple Salt Lake City, Utah 84180-1203

Re: Change of Operator Bluebell-Altamont Fields,

<u>Duchesne</u> and <u>Uintah</u> Counties, Utah

Gentlemen:

Heretofore on December 26, 1985, Chevron U.S.A. Inc. advised you concerning properties sold by Chevron U.S.A. to Proven Properties, Inc. and informed you by telephone of change of operator with respect thereto.

This will confirm the advice given to you by Chevron U.S.A. Inc. Attached hereto is the same list of wells furnished to you by Chevron U.S.A. which is marked Exhibit "A" and by this reference made a part hereof. Proven Properties, Inc. is now the operator of the wells described in the attached schedule, however, Pennzoil Company will be operating said properties as agent for Proven Properties, Inc.

We will promptly report to you in writing any change of address and any termination of our operator's authority including any designation of a new operator. However, the designation of Proven Properties, Inc. as operator shall remain in full force and effect until and unless a new designation of operator is filed in accordance with the Utah statutes and the rules and regulations and rules of practice and procedure of the Division of Oil, Gas and Mining of the State of Utah.

If there are any additional reports or any additional information which you would wish to have, kindly call Kevin Cunningham at 713-546-8768.

Yours very truly,

THE BOND IS UNDER THE PENNZOIL

NAME, AND THEREFORE PENNZOIL IS

SHOWN AS OPERATOR ON UDOGM

RECORDS.

PROVEN PROPERTIES, INC.

Kenneth R. Huddleston. President

John 25-86

Chevron U.S.A. Wells Sold to Proven Properties Inc., P.O. Box 2049, Houston, Texas 77252-2049, Effective December 1, 1985

Entity No.	Well Name
05255	SP-H-U Tribal 2-24Z3
05256	SP-H-U Tribal 4-36Z3
05270	Owen Anderson 1-28A2
05275	Black Jack Ute 1-14-2D
05280	Blue Bench Ute 1
05285	Ute Tribal 1-6B2
05295	Campbell Ute St. 1-7B1
05300	Campbell Ute 1-12B2
05305	Cheney 1-33A2
05306	Cheney #2-33-A2
05320	Duchesne County Snider 1-9C4
05325	Duch Co 1-17C4
05330	Duch Co Tribal U 1
05335	Evans Ute 1-17B3
05336	Evans Ute #2-17-B3
05340	Fortune Ute Fed1-11C5
05345	Freston St 1-8B1
05350	Geritz Mur 1-6C4
05360	Hamblin 1-26A2
05361	Hamblin 2-26-A2
05370	J Robertsn Ute 1-1B1

Entity No.	Well Name
05666	Dillman 2-28A2
05675	C R Ames 1-23A4
05695	St U 1-7B1E
05700	Ute Tribal U 6-7B3
05705	Ute Tribal 1-6B3
05710	Lyn Timothy U 1-10B1
05715	Ute Tribal 9-4B1
05720	E Bennion U 1-25A4
05725 /s 3 w 3/	B Hartman U 1-31A3 430/3300 98 40 579
05730	Ute Tribal 7-24A3
05735	Ute Tribal U 2-12A3
05740	L Boren U 1-24A2
05745	Lamicq-Urty U 3-17A2
05750	L Boren U-6-16A2
05755	L Boren U 3-15A2
05760	Virgil B Mecham U 1
05765	St Unit 2-35A2
05770	Harmston U 1-32A1
05775	WH Blanchard 2-3A2
05780	Walker V. Brown #1
05785	Ute Allotted U 1-36Z2
05790	T Horrocks 1-6A1
05795	Joseph Yack U 1-7A1
05800	Curtis Bastian 1-7A1
05805	Chsl-Fly-Dia 1-18A1

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Entity No.	Well Name
05375	Rachel Jensen 1-16C5
05385	John 1-3B2
05387	John 2-3-B2
05390	Verl Johnson 1
05400	Lamicq 1-20A2
05405	J Lamicq St. 1-6B-1
05410	L Rbrtsn St 1-1B2
05412	Lamicq-Robertson State #2-1-B2
05415	Lamicq Ute 1-5B2
05425	McElprang 1-31A1
05430	Marguerite Ute 1-8B2
05435	May Ute Fed 1-13B1
05440	Moon Tribal 1-30C4
05450	Mortensen 1-32A2
05452	Mortensen 2-32-A2
05455	Phillips Ute 1-3C5
05460	Reese Estate 1-10B2
05465	Robertson 1-29A2
05470	Robertson Ute 1-2-B2
05472	Robertson Ute 2-2-B2
05475	Rbrtsn Ute St 1-12B1
05480	Saleratus W/U 1-7C5
05485	Shrine Hsptl 1-10C5
05490	Smith Albert 1-8C5
05495	Smith Albert 2-8C5

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Entity No.	Well Name
05500	Smith Broadhead 1-9C5
05505	Smith David Ute 1-6C5
05510	Smith Joseph 1-17C5
05515	Smith Ute 1-18C5
05520	St Lnd Brd Ute 1-35A1
05525	Taylor Maurel 1
05530	Todd USA St 1-2B1
05535	Tomlinson Fed 1
05540	Unta Ouray Trbl 1-1A3
05545	Urrutz 1-34A2
05550	Ut St Fed 1-24B1
05555	Ut St L/B 1-11B1
05560	Ute 1-2A3
05565	Ute 1-2C5
05575	Ute 1-4A3
05580	Ute 1-5C5
05585	Ute 1-10A3
05590	Ute 1-20Z2
05605	Ute Tribal 1-13B3
05610	Ute Tribal 1-21Z2
05620	Ute County 1-20C4
05645	Voda Jsphine 1-19C5
05650	Voda Jsphine 2-19C5
05655	Voda Ute 1-4C5
05665	Woodward Fed 1-21A2

Entity No.	Well Name	
05810	State 3-18A1	
05815	R G Dye U-1-29A1	
05820	Summerell E U 1-30A1	
05825	L L Pack 1-33A1	
05835	Mobilute Trb1 11-6A2	
05836	Ute Tribal #2-7A2	
05840	Doug Brown 1-4A2	
05845	Lamicq-Urty U 4-5A2	
05850	Mobil-Ute Trl 1-7A2	
05855	Lamicq-Urty 2-A2	
05860	Ut St U 1-10A2	
05865	Sprgfld M/B/U 1-10A2	
05870	L Boren U 2-11A2	
05875	Norman Knd/ U 1-12A2	
05876	Clyde Murray 1 (2-2C)	-
05877	Blanchard Fee 1-3A2	
05878	Utah State 1	
05880	Olsen U 1-12A2	
05885	Fly/Dia 1 Boren 1 (2-14C)	
05890	Ute Tribal 3-18A2	
05895	Ute Tribal 4-19A2	
05900	L Boren U 5-22A2	
05905	L Boren U 4-23A2	
05910	Ute Tribal 5-30A2	
05915	Ute Allotted 2-18A3	

Entity No.	Well Name
05920	P. Bekstd U 1-30A3
05925	Ute Tribal 10-13A4
05930	Karl Shisler U 1-3B1
05935	C. B. Hatch 1-5B1
05940	Norling St. U 1-9B1
05945	H.G. Coltharp 1-15B1
05950	George Murray 1-16B1
05960	E.H. Buzz U 1-11B2
05965	D.L. Galloway 1-14B2
05970	State Pickup 1-6B1E
05975	Mobil-Lami. Ur 1-8A2
09895	Rachel Jensen 2-16C5

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES



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DIVISI	5. LEASE DESIGNATION	I AND BERIAL NO.		
Use "APPLICA	ICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTE	IN OR TRIBS NAME
OIL XX WELL OTHER			7. UNIT AGREEMENT N	AMS
Pennzoil Company			S. PARM OR LEASE NA	MB
3. ADDRESS OF OPERATOR	•		B. Hartma	n Unit
P.O. Drawer 1139, Denve	er, CO 80201		9. WELL NO. 1-31A3	
4. LOCATION OF WELL (Report location ci	early and in accordance with	ing State requirements."	10. FIELD AND POOL, O	E WILDCAT
At surface			Altamont - Wa	
1019' FNL & 1024 FEL (N	E 1/4 NE 1/4)		11. SSC., T., B., M., OR I SURVET OR ASSA	BLK. AND
			Sec. 31, T1S	
14. PERMIT NO.	15. SLEVATIONS (Show whether	OF, RT, GR, etc.)	12. COUNTY OF PARISH	18. STATE
	KB 6286	-	Duchesne	Utah
16. Check Ap	propnate Box To Indicate	Nature of Notice, Report, or	Other Data	
מאבדאו לה בסודהא			SQUENT REPORT OF:	
TEST WATER SENT-OFF	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	VELL X
PRACTURE TREAT	CLTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CA	Value Outer
	BANDON*	SHOUTING OR ACIDISING	holos in osa	170
	in csg & acidize	(Other) Squeezing (Note: Report resu	its of multiple completion of multiple completion for multiple completion for for	on Weil
17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is director near to this work.)	tations (Clearly state all pertin	ent derails, and give pertinent date	npiction Report and Log for es, including estimated date	m.)
from 12/4/85-12/19/85. same foreign water and while evaluating and water and while evaluating and water and substitution: 1. Isolate holes in 7" 2. Clean out 5" liner of 3. Acidize perfs 12,6734. Place well on hydrau	Returned well to p scaling tendency. iting on partner ap csg with packer an down to 14,470'. 3-14,389'.	Produced intermittent proval.	nsøccessful, enco ly from Jan. 1986	ountered
		The second of th	MAY 3 0 1986 DIVISION OF DIL, GAS & MINING	A CONTRACTOR OF THE PARTY OF TH
18. I hereby openity that the foregoing is a	tiple and correct			
BIGNED Kalph Wall	//	upervising Engineer	DATE May 22	, 1986
(This space for Federal or State office	use)			
APPROVED BY	TITLE		DATE	

OF UTAH



DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO FEE 6. IF INDIAN, ALLOTTES OR TRIBS NAM
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepes or plug back to a different r Use "APPLICATION FOR PERMIT—" for seek proposals.)	004700
OIL WAS OTHER	7. UNIT AGREEMENT NAME
PENNZOIL COMPANY	8. FARM OR LEASE NAME HARTMAN
PENNZOIL PLACE, P.O. BOX 2967, HOUSTON, TEXAS 77252	1-31A3
. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface	10. FIBLD AND FOOL, OR WILDCAT ALTAMONT - WASATCH
1019 FNL & 1024 FEL (NE 1/4 NE 1/4)	SEC 31; T1S; R3W
4. PERMIT PO. 18. BLEVATIONS (Show whether SP. PT. GR. GR.) 6286 (KB)	DUCHESNE UTAH
Check Appropriate Box To Indicate Nature of Notice,	Report, or Other Data
TEST WATER SEUT-OFF X PULL OR ALTER CASING WATER SHUTFRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ASAMDON* REPAIR WELL X CHANGE PLANS (Other) (Other)	REATMENT ALTSEING CASING

Plan to selectively swab test Wasatch intervals to isolate water zone. Then cement squeeze to shut off water. If casing damage is encountered during well work, plan to repair by remedial cementing.



	JUN 09 1987	
	DIVISION OF OIL, GAS & MINING	
18. I hereby ceruity that the foregoing to true and correct	7 TITLE Supervising Engineer	DATE May 4, 1987
(This space for Federal or State office use)	OF U	TYPE BY THE STATE ITAH DIVISION OF GAS, AND MINING
Cumula is OF APPROVAL IF ANT: Notify the Division of any remedial Cementing work.	DATE: 16- BY: John	15-87
remedian cemening wer.	re Instructions on Reverse Side	

For	m 3160-5		JNITA STAT	FS	SUBMIT IN TRIPLIC	E.	Budget Bureau Expires August	No. 1004 -0135
•	vember 1983) rmerly 9–331)		ENT THE		(Other Instructions	5. L	EASE DESIGNATION	
(F 0	merry 9=331)		J OF LAND MAN		7	^		POL
						6. II	F INDIAN, ALLOTTE	OR TRIBE NAME
	SUNI (Do not use this f	ORY NOTION OF THE CONTROL OF THE CON	CES AND REI	PORTS TONE	E PROPERTY OF)62914	
	OIL X GAS GAS	OTHER		M	JUN 2 1987	7. 0	NIT ACREEMENT NA	JE.
2.	NAME OF OPERATOR					8. 7	ARM OR LEASE NAM	i P
	Pennzoil	Explora	tion and Pr	roduction	Convitation	В.	HARTMAN I	UNIT
3.	ADDRESS OF OPERATOR				DIL, GAS & MINING		BLL NO.	
	P.O. Box	2967, H	ouston, Tex	kas 77252	-	1	-31A3	
1.	LOCATION OF WELL (Re	port location cle	early and in accordan	ce with any State	requirements.	10.	FIELD AND POOL, OF	R WILDCAT
	See also space 17 belov At surface					В	luebell-A	ltamont
	1019' FN	L & 1024	FEL (NE 1	1/4, NE 1,	/4)		SEC., T., R., M., OR B SURVEY OR AREA	
						Se		.1S.,R.3W
14. 1	PERMIT NO.	2 - 2 2 2	15. ELEVATIONS (Short	w whether DF, RT, G	R, etc.)	12.	COUNTY OR PARISH	13. grate
	43.013-	30043	KB 6286	feet		Duc	chesne	Utah
16.		Check Apr	propriate Box To	Indicate Nature	of Notice, Report, or	Other	Data	
	No	TICE OF INTENT	-	ı			EPORT OF:	
	N.C.	TICE OF INTENT	10.1 10.	,-,	50,00	 }		(, , , , , , , , , , , , , , , , , , ,
	TEST WATER SHUT-OFF	r · Pt	CLL OR ALTER CASING		WATER SHUT-OFF		REPAIRING W	
	FRACTURE TREAT	М	ULTIPLE COMPLETE		PRACTURE TREATMENT		ALTERING CA	[<u> </u>
	SHOOT OR ACIDIZE	^1	BANDON*		SHOOTING OR ACIDIZING		ABANDONMEN	T*
	REPAIR WELL	CI	HANGE PLANS		(Other) (Norm: Report resu	its of mu	Itinie completion	on Well
	(Other)				Completion or Reco	apletion I	Report and Log for	n.)
17. 1	proposed work. If nent to this work.)	COMPLETED OPER well is direction	ATIONS (Clearly state ally drilled, give sub	all pertinent deta surface locations a	ils, and give pertinent dat nd measured and true ver	es, includ tical dept	ing estimated date hs for all markers	e of starting any and gones perti-
	SAT (מסקם שפר	ORMED FROM	6-10-86	TO 7-23-86			
•	M	JRK PERE	ORMED FROM	0-10-80	10 1-23-60			
-	יו ספדפפוופד.	תקייפקיי	CSG FOUND	ፒዋልዩ ልጥ 3	3725'-4343'. R	יות זוי	ATT.T.	
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4					·		-14,433 M	ATIU
	·				000 PSI. RD SM			
5	S. SWAB-TEST	יוחים א חיםיו	. KIN WITH	1 2 1/6" 1	BG AND REDA P	UMP.		

8. I hereby certify that the foregoing is true and correct	TITLE Supervising Engineer	DATE 6/24/87
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Work over Reports

Hartman #1-31A3

Duchesne County, Utah

Pennzoil

6-10-86: MIRU pulling unit - ND wellhead - NU BOP's - POOH with 240 jts - 2 7/8" N-80 8 rd. tubing - SIFN.

-6-11-86: POOH w/ remaining 138 jts 2 7/8" N-80 8 rd tbg and laid down submersible pump equipment - found motor burnt and pump stiff - ND spherical BOP - Tally in hole with pkr plucker, mill shoe, and junk basdet on 378 jts 2 7/8" tbg - SIFN

6-12-86: Tally in hole w/ 5 jts 2 7/8" N-80 Nuloc tbg - Tag 7" mdl pkr @ 11,785' - RU power swivel - Milled on pkr 90 min - Fell thru - Lost 630 bbls Wasatch formation wtr while drlg - No returns - RD power swivel - POH w/ 383 jts tbg & tools - LD mdl "D" pkr complete - RIH w/ 20 jts 2 7/8" tbg - SDFN - ECTD \$10,601.00.

6-13-86: POH with kill string - RIH with 7" RBP and RTTS pkr on 2 7/8" tbg - Tag TOL at 11,835' - PU and set RBP at 11,815' - Set pkr at 11,785' - and test RBP to 1500 PSI - Held OK - POH with 118 jts 2 7/8" tbg - Set pkr at 8028' - Press test down tbg to 1500 PSI - Bled to 1050 PSI in 5 min - Rel pkr - RIH to 11,815' - Catch and release RBP - POH w/ 65 jts 2 7/8" tbg - SIFN

6-14-86: POH with remaining 313 jts 2 7/8" tbg RBP and RTTS pkr - Tally in hole with 4 1/8" bit, 5" csg scraper, 105 jts 2 7/8" N-80 Nulue tbg and remaining 2 7/8" N-80 8rd tbg - Tagged fill at 14,359' - No restrictions through perfs - POH w/ 84 jts 2 7/8" tbg - SDFN

6-15-86: SDF Sunday

6-16-86: POH with remaining 2 7/8" tbg - LD bit and scraper - Tally in hole with 5" RBP, ret head, 4 jts 2 7/8" tbg & 7" RTTS on 2 7/8" tbg - Set 5" RBP at 11,905' - Pulled up and set 7" pkr at 11,742' (TOL @ 11,835') - Press test TOL to 1500 PSI - Bled

6-17-86: Tbg on vacuum - Retest liner top - Would not test - Rel 7" pkr Tagged RBP - OK - Reset pkr at 11,742' - Pressure tbg and annulus to 1500 PSI - After 30 min tbg press 700 PSI - Csg press 1100 PSI - Bled tbg to 0 PSI - Csg press dropped from 1100 PSI to 900 PSI in 10 min - Pumped down tbg at 1450 PSI and 1/2 BPM - Csg press climbed and held at 1400 PSI - Rel pkr and 1/2 BPM - Csg press climbed and held at 1400 PSI - Rel pkr Catch and release RBP - POH with tbg, RBP & pkr - RIH w/ 20 jts 2 7/8" tbg - SIFN

6-18-86: POH with kill string - RU NL McCullough - RIH and set 5" CIBP at 11,910' - POH - Load hole and press test to 9000 PSI - OK - RIH and set 7" cmt ret at 11,650' - POH - RD NL McCullough - RIH with stinger on 378 jts 27/8" tbg - Tagged cmt ret - Close tbg test - Press test tbg to 2000 PSI - OK - Sting into retainer - Pumped down tbg - Pressured to 1500 PSI - SI press dropped to 1450 PSI in 10 min - Shut well in with 1000 PSI on tbg at 5:30 pm - Bled to 0 PSI by 7:00 am 6-19-86 - SIFN

6-19-86: Work tbg in and out of cmt retainer - Re-test liner lap to 2000 PSI - Bled to 1850 PSI in 40 min - POH with 378 jts 2 7/8" tbg and stinger - TIH with 6 1/8" tooth bit on 2 7/8" tbg - Tag cmt retainer at 11,650' - RU power swivel and stripping head - SDFN

6-20-86: Break circ - Circ up green oil and gas - Drill up cem ret at 11,650' - Fell through after 2 1/2 hrs - Rev circ clean - Chase to TOL - Drilled remains of cmt ret in 10 min - Circ clean for 1 hr - Closed tbg - Press down csg to 1350 PSI - Estab injection rat 1 BPM at 1350 PSI - RD pump - Bled to 1050 PSI in 10 min - RD power swivel - POH w/ 320 jts 2 7/8"

6-21-86: SIFW

6-22-86: SIFW

6-23-86: POH w/ remaining 82 jts tbg and 6 1/8" bit - TIH w/ Baker 7" Retrievamatic and 'G' type RBP on 381 jts 2 7/8" tbg - Set pkr at 11,742' - Press down tbg to 2000 PSI - Held 5 min OK - Pumped down annulus at 1 1/2 BPM and 1450 PSI - Rel pkr - Came up the hole testing repeatedly to 2000 PSI - Csg found good below 8116' - Set pkr at 7495' - Pumped down tbg 1/2 BPM at 1900 PSI - Pump down annulus 1 1/2 BPM at 1450 SIFN

- 6-24-86: Continue to press test csg to 2000 PSI Found csg good below 8116' Found csg leak between 7495'-8116' of 1/2 BPM at 1900 PSI Found csg good from 4343'-7495' Found csg leak between 3725'-4343' of 2 BPM at 1500 PSI Found csg good above 3725' Type 'G' RBP at 7495' Pump 5 sks sand to EOT at 5500' PU and set Baker Retrievamatic pkr at 3480' fRU Dowell Press and hold 1000 PSI on annulus Estab injection rate 2 BPM at 1500 PSI Pump 10 bbls fresh water pad Mix and pump 300 sks class 'G' neat cmt (15.8 ppg, 1.15 yield, 4 hrs pmp time) at 2 1/2 BPM and 900 PSI Displace with FSW to 3611' on tbg
- 6-25-86: Rel pkr POH w/ tbg and pkr RIH w/ 6 1/8" bit and 7" scraper on 2 7/8" tbg Found top of cmt at 3630' RU power swivel Drill medium-hard cmt 3630-3969 Stop to pressure test at 3969' (old squeeze at 3922'-3932') Press to 2000 PSI Held 5 min OK Drilled medium cmt 3969-4300 Fell through Circ clean press test to 2000 PSI Bled to 1850 PSI in 5 min SIFN
- 6-26-86: RD:power swivel RIH with 130 jts 2 7/8" tbg Circ sand off RBP at 7495' POH with tbg, bit & scraper RIH with retrieving head on Baker 7" Retrievamatic pkr on 2 7/8" tbg Catch and release plug at 7495' RIH and set RBP at 8985' PU and set pkr at 7368' Attempted to estab. injection rate for cmt squeeze Press down tbg to 2000 PSI Bled to 1800 PSI in 10 min Press down annulus to 2000 PSI Held OK 5 min RIH and caught and release RBP at 8985' Rev circ clean Press csg from surface to CIBP to 2000 PSI Bled to 1700 PSI in 10 min SDFN
- 6-27-86: POH with 2 7/8" tbg, Baker 7" Retrievamatic pkr and type "G" RBP RIH with 4 1/8" bit on 3205' 2 7/8" N-80 Nuloc special clearance tbg and remainder 2 7/8" N-80 8rd tbg Found remains of 7" cmt retainer 3' above TOL at 11,832' (TOL at 11,835') RU power swivel and stripping head Estab rev circ and drilled on cmt ret 1 hr Fell 3' PU hard and torque up repeatedly Lost circ Bit plugged off RD power swivel -
- 6-28-86: POH wet with 393 jts 2 7/8" tbg Found thick cmt wtr, sand, and metal Bit destroyed RIH with new 4 1/8" bit and 200 jts 2 7/8" tbg SIFN

6-29-86: SI for Sunday

6-30-86: RIH with 193 jts 2 7/8" tbg - RU power swivel - Break circ - Tagged remains of cem ret at TOL - Drilled on cem ret and fell through after 3 hrs - Plugged off repeatedly - Rev circ clean No shavings in returns - RIH to 5" CIBP at 11,910' - Drill out CIBP in 2 hrs - Plugged off repeatedly - PU above TOL and flush csg with 100 BFSW - RIH with 2 7/8" tbg - Chase remains to 14,354' - POH with 310 jts 2 7/8" tbg - SDFN

7-1-86: POH with remain 2 7/8" tbg and 4 1/8" bit - RU hydrotester - Hydrotest in hole above slips to 8500 PSI with 5" Mtn States 'HD' pkr, 2 7/8 x 2.25 ID seat nipple, 3205'-2 7/8" N-80 Nuloc special clearance tbg and remainder 2 7/8" N-80 8rd tbg - Had trouble getting pkr through TOL - Set pkr at 12,001' in 25,000# compression - Fill annulus and test - OK - SDFN

7-2-86: RU Smith Energy to acidize Wasatch perfs 12,674'-14,439' w/ 15,000 gal 15% HCL with 15 lb/1000 gal AGA-1 (gelling agent, 1 gal/1000 EPS-6 (emul break), 3 gal/1000 CIA-2 (corr inhib), 10 gal/1000 CA-4 (chelating agent) & 1 gal/1000 AFR-1 (acid fric red) and 600 RCN ball sealers -Set and tested annulus pop-off at 1500 PSI - Tested lines to 9500 PSI - OK - Press and held 1000 PSI on annulus - Start balls after 10 bbls acid gone and dropped evenly throughout acid - Caught pressure after 45 bbl gone - Stabilized at 12.6 BPM and 8000 PSI - Saw no ball action until 210 bbl gone Saw slight to moderate ball action through remainder of job -Flushed with 81 bbls 2% KCL wtr with 0.5 gal/1000 WFR-2 (fric red) - Max rate 12.6 BPM at 8600 PSI - Aver rate 12 BPM at 8200 PSI - ISIP 2400 PSI - 5 min SIP 150 PSI - 10 min SIP 100 PSI -15 min SIP 80 PSI - RD Smith - RUTS - Swbd 200 bbls fluid in 20 runs - 5 BO and 195 bbl acid water - IFL 4800' - Stabilized FL at 6000'-6300' - PH last run 6 - 232 bbl load water to recv SDFN

7-3-86: Continue swabbing back acid job - Swbd 20 BO & 210 BW in 11 hrs from an average fluid level of 6000' - 22 bbls load wtr to recover

7-4-86: SI for Holiday

7-5-86: SI for Holiday

7-6-86: SI for Holiday

7-7-86: 72 hr SITP 500 PSI - Fluid level 2900' - Continued swabbing - Made 26 swab runs in 10 hrs - Average fluid level 6000' - Swbd 70 BO and 67 BW - 24 hr rate 168 BO & 160 BW - All load water recovered

- 7-8-86: Continue swabbing Swabbed 62 BO & 75 BW in 10 hrs with 25 swab runs from average fluid level of 6000' 24 hr rate 149 BO and 180 BW
- 7-9-86: Rel pkr POH w/ 370 jts 2 7/8" tbg, SN and pkr RIH w/ kill string SIFN
- 7-10-86: POH with kill string NU Hydril BOP RIH with REDA DN 450, 459 stage, 60 HP submersible pump on 2 7/8" N-80 8rd tbg to 4500' SIFN
- 7-11-86: Continue RIH w/ remaining 232 jts 2 7/8" N-80 8rd tbg ND BOP NU wellhead Land tbg Started REDA submersible pump Pumped up in 90 min Will report production 1 day late
- 7-12-86: Pumped 0 BO & 405 BW in 17 hrs on REDA DN 450 submersible pump
- 7-13-86: Pumped 43 BO & 530 BW in 24 hrs on REDA DN 450 submersible pump
- 7-14-86: Pumped 26 BO & 430 BW in 24 hrs on REDA submersible pump RD pulling unit
- 7-15-86: Pumped 33 BO and 450 BW in 24 hrs on REDA submersible pump
- 7-16-86: Pumped 27 BO and 493 BW in 24 hrs on REDA submersible
- 7-17-86: Pumped 27 BO and 455 BW in 24 hrs on REDA submersible
- 7-18-86: Pumped 33 BO & 431 BW in 24 hrs on REDA submersible
- 7-19-86: Pumped 41 BO & 505 BW in 24 hrs on REDA submersible
- 7-20-86: Pumped 41 BO & 312 BW in 24 hrs on REDA submersible
- 7-21-86: Pumped 43 BO & 427 BW in 24 hrs on REDA submersible
- 7-22-86: Pumped 33 BO & 408 BW in 24 hrs on REDA submersible

ATE	8/4/86	DAILÝ	WORKOVER/	COMPLETION	REPORT	PAGEOF	
WELL NA	SE S NO	an /- 3/43			FIELD Altament		
SEC.	3/	TIS	AGE R3W	LOCULTO	ichesna	STATE	
AFE NO.			PZL. W.i.		GROSS AFE		
JOB DES	CRIPTION Penni	r casing an	d ocidize		SUPPLEMENT 1		
	7,900				TOTAL GROSS AFE		
	\$IZE	WT.		GRADE	DEPTH	THREAD	
IJ	7"	26#	·		12060		
CSG STRING	ب <i>د</i> ک	18#			11835-14497		
88							
8							
<u> </u>	2 1/2*	6.5	#	V- 80	11610		
STRUNG(S)							
TBG.							
PERF A	CORD						
	COST ITEMS	TD	PDTD		PERFS/FMT	<u> </u>	
LOC	·····	PKR 👨	9.N.		EOT • 116/0	SITP	
RIG		WORK PERFORMED)	•			
MUD/ H	0	2	27 30 / 2	CT RW in	d his on REDA	submersible	
TANKS		Fumpea	Pumped 27 Bo / 367 BW in 14 hrs on REDA submers				
CMTG							
H25							
E. LOGS							
PERF							
STIMUL	ATION						
SUPV							
TRANS							
CSG							
TBG			····				
S TOOLS	3						
DHTOO	or 2		<u> </u>				
D H EOL							
DHUF							
PMPG U			<u></u>				
8 EQUIF							
TREE / E				· · · · · · · · · · · · · · · · · · ·	-		
CHEM				<u> </u>			
OTHER				<u> </u>			
TOTAL							
TOT		RIG		81	JPERVISOR Lankford	/	
	Idean	I		i	GROKTO FO	· · · · · · · · · · · · · · · · · · ·	

SUPERVISOR Lankford

TOTAL

TOT

BACKO

RIG

RIO

TDT

SUPERVISOR

DATE	8/7-10/	BG DAIL WO	HKOVER/COMPLE	FIELD	PAGE OF
SEC.	Hart	man 1-3/A3	RGE A	Duche ne	STATE //
AFE N	3/	7 / 5 P21. W.	R3 W	QUCHES NE-	STATE
		, , ,	• 1	SUPPLEMENT 1	
	<u> </u>	ir casing and	TOTAL GROSS AFE		
	SIZE	WT.	GRADE	DEPTH	THREAD
70	7"	Z.6 ¥			
NE P	E- "	13#			
CSG STRING					
8					
<u>(S)</u>	2 7/8"	6.5#	N-80	11610	8 rd
STRING(S)					
TBG.					
PERF	RECORD			·	
	COST ITEMS	TD	POTO	PERFS/FMT	
roc		PKR &	B.N.	€OT ●	SITP
AIG		WORK PERFORMED		•	
MUD/	1 ₀				
TANKS		8/7/86	Aimped 33 B	1 441 BW in	24 hrs on
CMTG			REDA submar	sibla	•
H29					
E. LOG	\$ 	8/8/86 P	umpad 33 Bo	ble	24 hrs on
PERF		R	FDA submers	ble	
STIMU	ATION				
BUPV		8/9/26 P	umped 32 BO	151 BW in	24 hrs. on
TRANS CSG		RED	4 submersible	Z	
TBG					
S TOOL	9	8/10 /86 P	impad 35 BO	/ 444 BW in	24 brs on
DHTO		REDA	Submersible		
DHEO					
DHLIF					
PMPG (
8 EQUI	•				
TREE / I	3OP				
CHEM					
OTHER					
				· · · · · · · · · · · · · · · · · · ·	
TOTAL				· · · · · · · · · · · · · · · · · · ·	
TOT	89549	RIG		SUPERVISOR Lankfor	d

SUPERVISOR

TOT

RIG

SUPERVISOR

TOT

SENT	BY: PENNZOIL-BLU	EBELL FLA -21	-86 7:53AM;	96 87→	CCITT G3;# 2		
WELN	AME & NO. Har	tman 1-31	A3	FIELD Altamo	nt		
SEC.		WP 7 / 5' PZL.v	R3 W	OOUNTY DUCKESNE	STATE Utah		
JOB DE	SCRIPTION O		d anidian	SUPPLEMENT 1	\		
	Kepair	- casing and	acia/24	TOTAL GROSS AFE			
	SIZE	WT.	GRADE	DEPTH	THREAD		
	7 *	26#					
CSQ STRING	<u> </u>	18#					
13.0							
8							
2	2 %"	6.54	N-80	11610	8 rd		
TBG. STRING(S)							
E8 .							
E							
PERF P	RECORD						
	COST ITEMS	פד	PDTD	PERFORMT			
LOC		mon a	6,N. ø	ECT @	SITP		
RIG		WORK PERFORMED					
MUD/ H	P						
TANKS		Pumped 22 BO /435 BW in 24 hrs. on REDA submersible					
CMTG							
H28							
E. LOGS	i		•				
PERF			٠.				
STIMUL	ATION	,					
SUPV							
TRANS			•				
CSG							
TBG							
5 TOOL							
0 H TO							
• • • • • •							
DRUF							
PMPG U							
S EQUI							
CHEM							
OTHER					•		
- INSR	·	+					
TOTAL		 					
TOT		AiG		BUPERVISOR ,	•		
· - ·	84549	1		SUPERVISOR Lankfor	-al		

NO.

L NAME & NO.	ertman 1-31	A 3	FIELD Altamor	PAGEO
3/	TWP 7 15	RGE R3 W	COUNTDUCHESNE	STATEUtah
NO.	PZL. W.	di.	GROSS AFE	4747
DESCRIPTION A		1	SUPPLEMENT 1	
Kepai	ir casing and	aciai2e	TOTAL GROSS AF	<u> </u>
SIZE	i a rad	00100		
9126	WT.	GRADE	DEPTH	THREAD
7"	26#			
5"	18 #			
2 1/8"	6.5#	N-80	1/6/0	8 rd
RF RECORD				
COST ITEMS	TO	POTO	PERFS/FMT	
- -				
	PKR @	8.N.	EOT d	BITP
	PKR @ WORK PERFORMED	S.N.	EOT • (1610)	SITP
	WORK PERFORMED		1/6/10	
D) H ₄ O	WORK PERFORMED		in 24 hrs. on RED	
D/ H ₄ O	WORK PERFORMED		1/6/10	
D/ H _I O iks	WORK PERFORMED		1/6/10	
D/ H ₄ O K8 G	WORK PERFORMED		1/6/10	
07 H ₄ O K\$ 'Q	WORK PERFORMED		1/6/10	
CA H ₄ O IKS IG IG IF	WORK PERFORMED		1/6/10	
DI H _I O IKS IG I OGS IF AULATION	WORK PERFORMED		1/6/10	
C/H ₄ O IKS IG I OGS IF	WORK PERFORMED		1/6/10	
COUNTY NE	WORK PERFORMED		1/6/10	
D/H _t O IKS IG I OGS IF MULATION IV INS	WORK PERFORMED		1/6/10	
C/H ₄ O KS FG OGS F MULATION V	WORK PERFORMED		1/6/10	
COLB	WORK PERFORMED		1/6/10	
DO H ₄ O IKS IG I OGS IF MULATION IV INS I DOULS TOOLS	WORK PERFORMED		1/6/10	
D/H ₄ O K8 G G DGS F RULATION V NS HOLB TOOLS	WORK PERFORMED		1/6/10	
OLB FOOLB FOOLB	WORK PERFORMED		1/6/10	
O/H ₄ O KS G G DGS F GULATION V NS COLB TOOLS EQUIP	WORK PERFORMED		1/6/10	
D/H _t O IKS IG IOGS IF MULATION IV INS IOCUS ITOOUS EQUIP LIFT ING U	WORK PERFORMED	30 / 441 BW	1/6/10	
DI HJO IKS ITG I I I I I I I I I I I I I I I I I I	WORK PERFORMED	30 / 441 BW	1/6/10	
DI H _I O IKS ITG B OGS RF MULATION PV INS B DOLS TOOLS EQUIP LIFT PG U QUIP E / BOP	WORK PERFORMED	30 / 441 BW	1/6/10	
IV H ₄ O K8 G COULS F GUIP LIFT GU DUIP	WORK PERFORMED	30 / 441 BW	1/6/10	

RIG 940 WORK PERFORMANCE MUDITHO Continue RIH with remaining 232 into 276" N-80 TANKS 40 Brd tubing ND BOP. NU well head. Land that Started REDA submersible pump. Pumped up in 90 min. LOGS Will report production I day late PERF STIMULATION BUPY TRANS 300 ORG TREG BY TOOLS DY TROOLS DY TROOLS DY TROOLS DY TRANS 8 SOUIP TREE 180P CHEM OTHER 2815	DATE _	7/11/R		PRKOVER / COMPL	ETION RI		PAGE OF
Repair Casing and acidize. BIZE WT. GRADE DEPTH THREAD 7" 26# \$ 95 12060 5" 10 # D 110 1025 . 12207 1, J-1 BE 270" L.5 # N.80 Brd 8 rd 8	SEC.		EDA(B)	RGE D = L	COUNTY	HITAMONI	STATE ///
SIZE WT. GRADE DEPTH THREAD		3/			Duci	GROSS AFE	Utah
SIZE WT. GRADE DEPTH THRFAD		nir i Hun /		\-(\)	· · · · · · · · · · · · · · · · · · ·	OUTFLEMENT	
## 264 \$ 95 12060 5 124 B 110 11895-18807 11, 1-11 11895 11		Kepair	casing ana	ac/q/ze.		TOTAL GROSS AFE	
## 264 \$ 95 12060 5 124 B 110 11895-18807 11, 1-11 11895 11		SIZE	WT	GRADE		DEPTH	THREAD
## D 110 11885-12827 11, J-:1 1885-12827 11, J							1717.
PREF RECOND TO 14500 TO 14500 TO 14478 TO 16500 TO 14478 TO 16500 TO 1800 TO	2	7"					
PREF RECOND TO 14500 TO 14500 TO 14478 TO 16500 TO 14478 TO 16500 TO 1800 TO	5	.5	72 4		///	AC . IZZOT	",· ~ · · · · · · · · · · · · · · · · · ·
PERF RECORD COST ITEMS COST	8 -						
PERF RECORD COST ITEMS COST	<u>s</u>	27/1	15#	N-80	····		0
PERF RECORD COST ITEMS TD 14500 PDTD 14478 PERFERNWASatch gross: 12474 14433 LOC NOR E	<u> </u>	2 /8		/, 00			8 70
PERF RECORD COSTITEMS TD 14500 PDTD 14478 PERFORMATION STP STP FOR S.N. & STP FOR S.N. & STP FOR		-					
PERF RECORD COSTITEMS TD 14500 PDTD 14478 PERFORMATION STP STP FOR S.N. & STP FOR S.N. & STP FOR	8						
ICC PRIE 8.1.6 EOT 8 STP WORK PERFORMED WORK PERFORMED WORK PERFORMED WORK PERFORMED WILL REMAINS FOR STACKS WILL REPORT PRODUCTION Jay late PERF ETMULATION BUPY TRANS 300 ONTO BE EQUIP TREE 1809 OTHER 2815 TOTAL 5715	سيرب باست	ORD					<u> </u>
ICC PRIE 8.1.6 EOT 8 STP WORK PERFORMED WORK PERFORMED WORK PERFORMED WORK PERFORMED WILL REMAINS FOR STACKS WILL REPORT PRODUCTION Jay late PERF ETMULATION BUPY TRANS 300 ONTO BE EQUIP TREE 1809 OTHER 2815 TOTAL 5715		COST ITEMS	†D 14500	PDTD 144.70	PERF	B/FMT /	
RIG 960 WORK PERFORMAND MUDITHO TANKS 40 Brd tubing ND BOP. NU Well head. Land thg. OMTO Started REDA submersible pump. Pumped up 1008 Will report production I day late PERF STIMULATION BUPV TRANS 300 CRG TRG B TOOLS D W SQUIP PARGU B EQUIP TREE / SOP CHEM OTHER 2815	LOC				EOT (wasaren gi	SITP
MUDIHO Continue RIH with remaining 232 int 276" N-80 TANKS 40 Brd tubing ND BOP. NU well head land the Started REDA submersible pump. Pumped up in 90 min. LOGS Will report production I day late PERF STIMULATION BUPY TRANS 300 OBG TRAG B TOOLB D H TOOLB D H SQUIP TREE / BOP OTHER 2815	AIG		WORK PERFORMED				
TAMES 40 Brd tubing ND BOP. NU well head land the Started REDA submersible pump. Pumped up in 90 min. LOGS WILL REPORT PRODUCTION I day late. PERF STIMULATION BUPY TRANS 300 GRG DH TOOLB DH EQUIP 1450 DH LIFT PERGU STOLE 150 CHEM OTHER 2815	MUD/H.O	960		A			+ 7/ W . / O.
CATTE STATE OF PAIRS OF THE COLOR OF THE COL							
Started REDA Submersible pump. Pumped up in 90 min. LOGS Will raport production I day lata STIMULATION SUPV THANS 300 CSG TRO B TOOLS D H EQUIP PAIGO OHLUFT TREE / BOP 150 CHEM OTHER 2815'			Brd tubin	g ND BOP	, NU	Well head	Land thg.
LOGS PERF WILL TEACH Production I day late STIMULATION SUPV TRANS 300 OSS STOOLS DIFFORM DIFFORM DIFFORM SEQUIP TREE I SOP J50 CHEM OTHER 2815					sible	ритр. Ри	mped up
PERF STIMULATION BUPY THANS 300 CBB TBG 6 TOOLB D H DOUB D H SQUIP PMPG U 8 EQUIP TREE / BOP CHEM OTHER 28/5						, ,	
STIMULATION SUPY THANS 300 C8G TBG 6 TOOLB DH TOOLB DH LECUIP JASO DH LIFT PMPG U 8 EQUIP TREE / BOP CHEM COTHER 28/5			Will report	production	1 de	y lata	
8UPY THANS 300 C80 T80 8 TOOLB D H TOOLB D H EQUIP 1450 D H LIFT PMPG U 8 EQUIP TREE / 80P 150 CHEM OTHER 28/5		ON			· · · · · · · · · · · · · · · · · · ·		
TRANS 300 CBG TBG 8 TOOLS D H TOOLS D H EQUIP 1450 D H LIFT PMPG U 8 EQUIP TREE / BOP 150 CHEM OTHER 28/5							
TRE / BOP /50 CHEM TOTAL 57/5							
TBQ \$ TOOLS D H TOOLS D H EQUIP /450 D H LIFT PMPQ U 8 EQUIP TREE / BOP OTHER 28/5"		300			····		
B TOOLB D H EQUIP /450 D H LIFT PMPG U B EQUIP TREE / BOP /50 CHEM OTHER 2815							
DH TOOLS DH EQUIP 1450 DH LIFT PMPG U B EQUIP TREE / BOP 150 CHEM OTHER 2815						· · · · · · · · · · · · · · · · · · ·	
DHEQUIP PMPG U BEQUIP TREE / BOP CHEM OTHER 28/5							
PMPG U B EQUIP TREE / BOP CHEM OTHER 28/5						, , , , , , , , , , , , , , , , , , ,	
PMPG U 8 EQUIP TREE / BOP		1450			,		
TREE / BOP /50 CHEM OTHER 28/5						· · · · · · · · · · · · · · · · · · ·	
TREE / BOP					·	· · · · · · · · · · · · · · · · · · ·	
750 CHEM OTHER 2815					· · · · · · · · · · · · · · · · · · ·		
OTHER 2815		150					
70fAL 57/5							
<i>57/5</i>	OTHER	2815			·····		
TOT 89174 RIG Temples SUPERVISOR Lankford	TOTAL	57/5			,		
	TDT	89174	RIG Temples		SUPERV	son Lankford	

DATE WELL N	7/12/86 7/ AME & NO. Harty	nan 1-31 A3	PRKOVER / COMPL	FIELD ALTA	PAGE OF	
SEC.	31	TWP T 15	RGE R3W	county uches n	e state Utah	
AFE NO		PZL. V	V.I.	GROSS AF	E	
JOB DES	SCRIPTION ACADIN	casing and	acidize	SUPPLEM	ENT 1	
				TOTAL GR	OSS AFE	
	SIZE	WT.	GRADE	DEPT	H THREAD	
<u>5</u>	7"	26 €	5 95	12060		
CSG STRING	5"	18 #	P 110	11835 - 1	4497 Hydril	
898						
3						
<u> </u>	2 1/2"	6.5#	N-80	11460	8 rd	
STRING(S)						
E S						
PERF A	ECORD					
	COST ITEMS	TD /4500	PDTD /4478	Wasatc	h gross: 12674-144	39
		PKR 🏚	5.N.@	1152	SITP	
RIG		7/12/8G				
MUD/H	0	Pumped 0	BO / 405 BY	(in 17 h	rs on REDA	
TANKS		DN 450	submersible	pump		
CMTG	· · · · · · · · · · · · · · · · · · ·			•		
H28						
1038		7/13/86				
PERF		Pumped			24 hrs. on REI)A
STIMULA	ATION	DN 450	submersible	ритр		
\$UPV						
TRANS						
CBG			· · · · · · · · · · · · · · · · · · ·			
TBG 5 TOOLS						
D H TOOL						
O H EQU						
DHLIFT						
PMPG U						
8 EQUIP						
TREE / BA	OP.					
CHEM	-					
OTHER						
TOTAL			····			
TOT		RIG		SUPERVISOR	16 1	
	89174	Ald Temples		Lan	kford	

NO. (

DATE	7/14 /86	DAILY WOR	COVER / COMPL	ETION RE	PORT	PAGE OF
WELL NAME				FIELD		
	3/ m	7 / 5' RGE	R3W	COUNTY	hesne Ignoss afe	STATELYah
AFE NO.					SUPPLEMENT 1	
JOB DESCRI	Repair :	casing and a	cidize.		TOTAL GROSS AFE	
	8IZE	WT.	GRADE		DEPTH	THREAD
ş	7"	26 #	\$ 95		12060	
E	5"	18 #	P 110	118.	34-14497	Hydril
CSG STRING						
<u> </u>	2 7/8"	6.5#	N 80		11460	8 rd
STRING(S)						
TBG.						
PERF RECO	DAD		Janes .			
	COST ITEMS	TD	PDTD	PERFS	lesatch (gross):	12674 - 14439 SITP
roc		PKR @	5.N. @	EO1 @	11520	ŞITP
AIG	375	WORK PERFORMED				,
MUD/H _I O		Pumped 20	BO / 430	BW in	24 hrs. 0	n REDA
TANKS		submarsible	z pump.			
СМТЗ			<u> </u>			
H2\$		RD pulling	unit			
E. LOGS						
PERF				u		
STIMULATIO	9N					
\$UPV				· · · · · · · · · · · · · · · · · · ·		
TRANS				·		
CSG						
TBG						
6 TOOLS						
D H TOOLS						
D H EQUIP						
DHLIFT						
PMPG U						
8 EQUIP						
TREE / BOP						
CHEM						
OTHER	······································					
TOTAL	7~-					

ND.

7/15/6 AME & NO. Harte	man 1-31 A3		FIELD Altamont	4
31	TWP 7 15 PZL. W.	RSW	COUNTY Duch Gene GROSS AFE	STATE Hah
Q.			SUPPLEMENT 1	
DESCRIPTION REPOR	r casing and	acidiza	TOTAL GROSS AFE	
4/	<u>-</u>			
SIZE	WT.	GRADE	DEPTH	THREAD
7"	26#	5 95	12060	
5"	18 4	P 110	11835 - 14497	Hydril
278"	6.5 4	N- 80	11610	8 rd
F RECORD				
COST ITEMS	TD 14500	POTD 14478	Wasatch 126	73 - 14439
)	PKR 🏚	\$.N. @	EOT 0 //68.3	ŠITP
	WORK PERFORMED			
OHIO	Pumpad	13 AD / 450 B	w in 24 hrs.	on REDA
K8	supmarchi	e hund	w in 24 hrs.	
rg	13 20331100	e parry.		
}				
¢\$				
RF				
AULATION		, <u> </u>		
V			······	
N8		······		
				
NOLS				
TOOLS				
EQUIP				
LIFT				<u> </u>
au				
UIP				
/ 90 F				
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NL .	ı			

NO.	

WELL NAME	KNO. II. L	man 1.3	3/ A 7		FIELD	114-11-11	
EC.	31	TWP T 15	A.3	Da.	Duche	AITONNOINT	STATE
E NO.	<u></u>	1 //3	PŽL. W.I.	R3W	Duch	GROSS AFE	<u>utoh</u>
DESCRIP	TION A		<u> </u>	. 4.		SUPPLEMENT 1	
	Kepau	casing a	ad aci	dire_		TOTAL GROSS AFE	
	SIZE	34/3		T	<u> </u>		
	GILE	W		GRADE		DEPTH	THREAD
	7"	26		5 95		12060	
;	5"	18	<i></i>	P 110	1180	35 - 14497	Hydril
			<u></u>				
	2 1/2"	4.5		N-80			8rd
				<u> </u>			
 				<u> </u>		·····	
RF RECOR				T			
	OST ITEMS	14500	· · · · · · · · · · · · · · · · · · ·	POTO 14478	PERFA	Tasatch · 1	2673- 1443
; 		PKR @		\$.N. ⊕	EOT @		SITP
)		WORK PERFORME	(D				
D/ H , O		Pumoza	/ 27	Ro and	493 Bu	V in 24 h	rs, on
iks		REDA	subma	sible			
TG		•					
3 							
OGS			-				
lF							
MULATION			· · · · · · · · · · · · · · · · · · ·				
٧			· · · · · · · · · · · · · · · · · · ·				
MS	***						
}							
1				- -			
DOL\$					<u> </u>		· · · · · · · · · · · · · · · · · · ·
TOOLS					<u> </u>		
EQUIP	*****						
LIFT						<u></u>	
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UIP					-		
E / 80P							
M							
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AL .						····	
ΛL		i i					

### WILL MANE & NOT 1-3 1-	DATE	7/18/8	DAILY WO	RKOVER / COMPLE	TION REPORT	PAGE OF
SEC. 31 TWT 7 SA R 3 W SWICHASAR STATE		Harte	nan 1-3/113		AltamonT	
Separation Sep			T/5	RGE R3W	Ducha ena	STATE
SIZE WT. GRADE DEPTH THREAD	AFE NO.		PZL. W.	l,	GROSS AFE	
SIZE WT. GRADE DEPTH THREAD	JOB DESC	PRIPTION RODO IT	casina and	acidize	SUPPLEMENT 1	
T					TOTAL GROSS AFE	
### P 110 11835-14497 Hydril #### P 110 11835-14497 Hydril ###################################		SIZE	WT.	GRADE	DEPTH	THREAD
### P 110 11835-14497 Hydril #### P 110 11835-14497 Hydril ###################################	9	7'	264	# 95	12040	
S	E _	5"	18#	P 110	11835-14497	Hudril
S	80					
PERF RECORD	8					
PERF RECORD	E	2 7/8"	6.5#	N-80		8 rd.
PERF RECORD						
Description	. s					
COST ITEMS TO 14500 PARO S.N. POTO 14478 Wadatch 12673 - 14439 ECT 9 1/6/0 SITP RIG WORK, PERFORMED TO 18 BW MUDITHO Pumped 33 BO 431 BW in 24 hrs on REDA TANKS Submarsible HES 7/19/86 Pumped 41 BO SOS BW In 14 hrs on REDA PERF Submarsible STIMULATION SUPV T/20/86 TRANS Pumped 41 BO 312 BW in 24 hrs on REDA C92 Submarsible THOUS						
RIG WORK, PERPOSMED TILBY BL. MUDIHO Pumped 33 BO 471 BW in 24 hrs on REDA TANKE Submersible CMTO HSS 7/19/86 Pumped 41 BO 505 BW in 14 hrs on REDA PERF Submersible STIMULATION SUPV 7/20/86 TRANS Pumped 41 BO 312 BW in 24 hrs on REDA CSG Submersible STOOLS DHEOUIP DHLIFT	PERF REC	CORD				
RIG WORK, PERPOSMED TILBY BL. MUDIHO Pumped 33 BO 471 BW in 24 hrs on REDA TANKE Submersible CMTO HSS 7/19/86 Pumped 41 BO 505 BW in 14 hrs on REDA PERF Submersible STIMULATION SUPV 7/20/86 TRANS Pumped 41 BO 312 BW in 24 hrs on REDA CSG Submersible STOOLS DHEOUIP DHLIFT		COST ITEMS	14500	POTO 14478	PERFEJENT 1267	3 - 14439
MUDITHO MUDITHO Pumped 33 B0 431 BW in 24 hrs on REDA TANKE Submersible T/19 /86 LLOGE Pumped 41 B0 / STOS BW In 14 hrs on REDA STIMULATION SUPY TRANS Pumped 41 B0 / 312 BW in 24 hrs on REDA CRC STIMULATION SUPY TRANS Pumped 41 B0 / 312 BW in 24 hrs on REDA CRC STIMULATION TRANS Pumped 41 B0 / 312 BW in 24 hrs on REDA CRC STOOLS OH TOOLS DH SOUIP DH LIFT	LOC			\$.N. 🏚	EQT 6	SITP
TANKE TANKE Submersible LOGS Pumped 33 B0 431 BW in 24 hrs on REDA Submersible T/19 86 LOGS Pumped 41 B0 505 BW in 14 hrs on REDA Submersible STIMULATION SUFV T/20 86 TRANS Pumped 41 B0 312 BW in 24 hrs on REDA CBQ Submersible TROUS DH EQUIP DH LIFT	RIG		WORK PERFORMED			
Submersible Submersible 1/19/86 LOGS Pumped 41 B0 STOS BW IN 14 hrs on REDA PERF Submersible STIMULATION SUPV 7/20/86 TRANS Pumped 41 B0 / 312 BW IN 24 hrs on REDA CSQ Submersible TROUB DHIFT	MUD/H ₂ O			BO / 421 BW	in 24 hrs an	PENA
CATTS H28 7/19/86 1-LOGS Pumped 41 B0 STOS BW In 14 hrs on REDA PERF SUBMARSIBLE STIMULATION SURV 7/20 86 TRANS Pumped 41 B0 312 BW in 24 hrs on REDA CSG STOOLS DH TOOLS DH LIFT DH LIFT	TANKS				124	A = 121.1
LOGE Pumped 41 B0 SOS BW In 14 hrs on REDA PERF SUBMARSIBLE STIMULATION SUPV 7/20 86 TRANS Pumped 41 B0 312 BW in 24 hrs on REDA CSQ STOOLS DHEOUIP DHLIFT	CMTG		320774747			**************************************
Perf Submersible Stimulation SUPV TRANS Pumped 41 B0 SDS BW In 14 hrs on REDA CSQ Submersible STOOLS DHEOUIP DHLIFT	H25		7/19/86			
STIMULATION SUPV 7/20/84 TRANS Pumped 41 80/312 8W in 24 hrs on REDA CSQ SUBmersible. TSG STOOLS DH TOOLS DH EQUIP	. roge	, , , , , , , , , , , , , , , , , , , ,		I BO STOE BY	V in 14 hre on	DEDA
STIMULATION SUPY 7/20/86 TRANS Pumped 41 80/312 8W in 24 hrs on REDA CSQ Submersible TBQ STOOLS DHEQUIP DHLIFT	PERF					7=
TRANS Pumped 41 80 / 312 8W in 24 hrs on REDA CSG Submersible THOOLS DHEOUIP DHLIFT	STIMULAT	ION				
TRANS Pumped 41 B0 / 312 BW in 24 hrs on REDA CSG Submersible. TRANS DH TOOLS DH LIFT	SUPV		7/20 /86			
TBG S TOOLS DH TOOLS DH LIFT	TRANS			41 80 / 312 BU	V in 24 hrs au	OFNA
TBG S TOOLS DH TOOLS DH EOUIP DH LIFT	CSG		submersible	, , , , , , , , , , , , , , , , , , , ,		1 1 20
D H EQUIP D H LIFT	TBG					
D H EQUIP D H LIFT	8 TOOLS					
DHLIFT	D H TOOLS	}				
	DH COUP					
PMPG U	DHLIFT					
	PMPG U					
8 EQUIP	8 EQUIP					
TREE / BCP	TREE / BC	P				
CHEM	CHEM				· · · · · · · · · · · · · · · · · · ·	
OTHER	OTHER					
TOTAL	TOTAL					
101 89549 RIG SUPERVISOR Lanksford	TOT	SO CAD	RIG		SUPERVISOR 1001	,

SUPERVISOR

1-1-E.

RIG

TOT

20540

89549

ATE	7/23/80		KOVER / COMPL		PAGE OF
	AME & NO. Hartr	nan 1-31A3	A.C.	COUNTY (STATE .
BEC.	31	7 / 3'	BE R3W	Duchesine GROSS AFE	Utah
FE NO		PZL. W.I.		SUPPLEMENT 1	
08 DE	SCRIPTION Repair	casing and a	cidize.	TOTAL GROSS AFE	
				TOTAL GROSS ARE	
	SIZE	WT.	GRADE	DEPTH	THREAD
<u>.</u>	7*	26 #	5 95	12060	
CSG STRING	5-4	18#	P //0	11835-14497	Hydril
න න					
8					
<u>@</u>	2 1/8"	6.5	N-80	11610	8 rd
STRING(S)					
15					
18G					
	RECORD				
	COST ITEMS	TD 14500	POTO 14478	Wasatch 120	73 - 14439
LOC		PKR d	5.N.@	EOT • //6/0	SITP
NIG		WORK PERFORMED			
MŲD/ F		200000 20	20 / 267 BW	in 24 hrs. on REL	A submersible
TANKS	<u> </u>	Pumped 36	BO/ 335 BW	111 -1 1113. 011 13.	of Joyotti Grand Com.
CMTG					
428					
c. LOG	<u> </u>				
PERF					
	LATION				
BUPY					
TRANS					
CSG					
7 9 G					
8 TOO	I R				,
о н то					
DHEC					
DHL	· · · · · · · · · · · · · · · · · · ·				
PMPG					
8 EQU					
TREE /					
CHEM					<u> </u>
OTHE	n .				
TOTAL					
TDT	89549	RIG		SUPERVISOR Lank-force	/

rE	7/24/84		RKOVER / COMPL		PAGEO
LL NAME &	No Hartman	1-31A3	I	MITUMONT	STATE ()
С	3/ TWP	/	RGE RJW	COUNTY DUCKESNE	STATELHah
NO.		PZL. V	V.I.	SUPPLEMENT 1	
DESCRIPT	ION Repair cas	sing and	acidize		
				TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
	7.	24	5-95	12060	
	511	18 #	P 110	11835 - 14497	Hydril
	2 1/2"	4.54			
RF RECOR	D				
Ċ	OST ITEMS)	POTO	PERFERENT Wasatch 124	13- 14439
c	Pi	(R ø	\$.N.	EOT 9	SITP
	W	ORK PERFORMED			
10/ H ₂ O	3		en / den DW in	24 hrs. on REDA	submersible.
NKS		imped 32	BU / 43V BH 11		
TG		<u>.</u>			
\$			<u></u>		
.ogs					
RF					
MULATION					
PV					
ANS					
<u>a</u>					
G			,,,,,,,,,,,,,,		
TOOLS		<u> </u>			
H TOOLS					
H EQUIP					
HUFT					
MPG U					
EQUIP					
RE / BOP		·			
			<u></u>		
HEM					
THER	1				
			<u></u>		
OTAL					

SUPERVISOR . . .

ELL NAM	EANO. Hart	man 1-31A3		FIELD Alfamont	
EC.	31	TVP T15	RGE R 3 W	Duchesine	STATEUtah
E NO.		PZL. 1	W.J.	GROSS AFE	
B DESCA	RIPTION Perco	r cosing and	acidia	SUPPLEMENT 1	
	A SPANI	, wanting arms	H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
5	7'	24*	5 95	12060	
Dall line of the control of the cont	5"	18#	P //0	11835-14497	Hydril
2					
3					
<u>}</u>	2 3/4"	6.5	N-80		8 rd
<u> </u>					
RF REC	ORD				
	COST ITEMS	סז	POTO	PERFS/FMT Workton	12673 - 14439
c		PICR	8.N.	EOT @ //6/D	SITP
3		WORK PERFORMED			
OFH JOIN		Pumped 32	BO / 400 BV	1 in 24 hrs. on	OFTA Submer
NKB		Pumpeu 132	BO / 100 BB	78 24 85.08	<u> </u>
ATĠ					
8		7/26/86			, , , , , , , , , , , , , , , , , , , ,
LOGB			2 pn / Ann Ru	V in 24 hrs. on RE	A submerible
RF		Tumper 4.	1 100 00	V 10 14 10 10 10 10 10 10 10 10 10 10 10 10 10	
IMULATI	0^			7774	
)P·		7/27/8/			
AN3		Rumand de	20 / d22 24	in 24 hrs. on REA	DA automorcible
G		Pumper 4-4-4	AU TES AN	THE STATE OF THE S	
G			14 M		
TOOLS	· · · · · · · · · · · · · · · · · · ·				
H TOOLS				*	
H EQUIP					
H LIFT					
IPG U					
EQUIP	······································				
Lucir)		,,		
EE / BOP					
EE / BOP					
EE / BOP					
REE / BOP					

SUPERVISOR,

TOTAL

RIG

ATE _	7/29/86	DAILY WO	.,	FIELD A	PAGE OF
WELL NAM	Harim	an 1-3.013		mont	STATE . / /
SEC.	3/	TWP 7 / S'	R3W	OUNTY DUCKESNE IGROSS AFE	STATEUtoh
APE NO.		PZL. W.	l	SUPPLEMENT 1	
JOB DESC	RIPTION RODAL	r casing and	docidize		
	7,00			TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
(2)	7.	260	5 95	/2060	
NI I	5.	18 *	P //0	11835-14497	
CSG STRING					
8					
<u>0</u>	2 7/8"	4.5	N-80	11610	8 rd
STRING(S)					
8	· · · · · · · · · · · · · · · · · · ·				
PERF RE	CORD				
	COST ITEMS	TD	РОТО	PERFS/FMT	
LOC		PICR @	5.N. •	EOT @	SITP
RIG		WORK PERFORMED		<u> </u>	
MUD/ H _t C	<u> </u>	P 111	Po / 413 PW	in 14 hrs on 1	REDA submarsible
TANKS		Fumpera 11	10 / +13 PW	777	
CMTG					
H28					
E. LOGS					
		L			
PERF					
PERF	CHON				
STIMULA	TION				
STIMULA BUPY	TION				
STIMULA BUPY TRANS	TION				
STIMULA EUPY TRANS CSG	TION				
STIMULA BUPY TRANS CSG TBG					
STIMULA EUPY TRANS CSG TBG E 100LS					
BUPY TRANS CSG TBG E 100LB	1.5				
BUPY TRANS CSG TBG S TOOLS DHTOO	L <u>S</u>				
BUPY TRANS CSG TBG S TOOLS DHTOO DH EQU	LS.				
BTIMULA BUPY TRANS CSG TBG E 100LS DH 100 DH EQU DH LIFT PMPG U	L <u>S</u>				
BTIMULA BUPY TRANS CSG TBG S TOOLS DH TOO DH EQU DH LIFT PMPG U S EQUIP	I.E.				
BTIMULA BUPY TRANS CSG TBG S TOOLS DH TOO DH EQU DH LIFT PMPG U S EQUIP	I.E.				
BTIMULA BUPY TRANS C\$G TBG S TOOLS DHTOO DHEGU DHLIFT PMPG U S EQUIP TREE / B	I.E.				
BTIMULA BUPY TRANS CSG TBG S TOOLS DH TOO DH EQU DH LIFT PMPG U S EQUIP	I.E.				
STIMULA SUPY TRANS C\$G TBG S TOOLS DH TOO DH EQU DH LIFT PMPG U S EQUIP TREE / B CHEM OTHER	I.E.				
STIMULA BUPY TRANS C\$G TBG S TOOLS DH TOO DH EGU DH LIFT PMPG U S EQUIP TREE / B	I.E.	RiG		BUPERVISOR Lantho	

SUPERVISOR

PERF

SUPV
TRANS
CSG
TSG
8 TOOLS
D H TOOLS
D H EQUIP
D H LIFT
PMPG U
S EQUIP
TREE / SOP
CHEM

TOTAL

STIMULATION

DATE .					,
WELL NA	7/3//86 ME & NO. Hor	turan 1-37A3		FIELD Altamon	<i></i>
8EC.	3/	TVS	RGE R3 W	Duchesne Daoss afe	STATE
AFE NO.		PZL. W.	l.		
JOB DES	CRIPTION PROCE	casing and	acidiza.	SUPPLEMENT 1	
	Axpair	Cusing and		TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
7 0	74	26 4			
CSG STRING	5"	18#			
GST					
8					
<u>6</u>	2 75'	6.5#		11610	Brd
STHING(S)					
29					
PERF R	DROOF				
	COST ITEMS	TQ	POTO	PERFS/FMT	
LOC		PKR 🏚	B.N. #	EQT 🏚	SITP
RIG		WORK PERFORMED			
- · · · -					
MUD/H	0		Bo / 448	BW in 24 hrs on	REDA submersible
	0		Bo / 448	BW in 24 hm on	REDA submersible
MUD/ H ₂	0		Bo / 448	BW in 24 hos on	REDA submersible
MUD/H	0	Pumpad 43	Bo / 448	BW in 24 hrs on	REDA submersible
MUD/H ₂ TANKS	0	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
MUD/H ₂ TANKS CMTG H28	0	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
MUD/H ₂ TANKS CMTG H26 E. LOGS		Pumpad 43	Bo / 448	BW in 24 hm on	REDA submersible
MUD/H ₂ TANKS CMTG H28 E. LOGS PERF		Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
TANKS CMTG H28 E. LOGS PERF		Pumpad 43	Bo / 448	BW in 24 hrs on	REDA submersible
MUD/H ₂ TANKS CMTG H28 E. LOGS PERF STIMULU SUPV		Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
MUD/H ₂ TANKS CMTG H28 E. LOGS PERF STIMULU SUPV TRANS		Pumpad 43	Bo / 448	BW in 24 hm on	REDA submersible
MUD/H ₂ TANKS CMTG H26 E. LOGS PERF STIMULU SUPV TRANS CBG	ATION	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
MUD/Hy TANKS CMTG H28 E. LOGS PERF STIMUL SUPV TRANS CSG TBG	ATION	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
TANKS CMTG H28 E. LOGS PERF STIMULU TRANS CSG TBG	ATION	Pumpad 43	Bo / 448	BW in 24 hrs on	REDA submersible
MUD/Hy TANKS CMTG H28 E. LOGS PERF STIMULU SUPV TRANS CSG TBG 5 TOOLS	ATION B. B	Pumpad 43	Bo / 448	BW in 24 hm on	REDA submersible
MUD/H ₂ TANKS CMTG H26 E. LOGS PERF STIMULU SUPV TRANS CSG TBG B TOOLS D H EQU	ATION ATION ATION	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
TANKS CMTG H28 E. LOGS PERF STIMULU SUPV TRANS CSG TBG S TOOLS D H EQL	ATION ATION But the second of the second o	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
TANKS CMTG H28 E. LOGS PERF STIMULU BUPY TRANS CSG TBG B TOOLS D H TOO D H EQU	ATION ATION BY ALB BIP	Pumpad 43	Bo / 448	BW in 24 hrs on	REDA submersible
TANKS CMTG H28 E. LOGS PERF STIMULU SUPV TRANS CSG TBG 5 TOOLS D H TOO D H EQL D H UFT	ATION ATION BY ALB BIP	Pumpad 43	Bo / 448	BW in 24 hm on	REDA submersible
TANKS CMTG H26 E. LOGS PERF STIMULU SUPV TRANS CSG TBG B TOOLS D H TOO D H EQL D H UFT PMPG U S EQUIF	ATION ATION BY ALB BIP	Pumpad 43	Bo / 448	BW in 24 hrs. on	REDA submersible
TANKS CMTG H28 E. LOGS PERF STIMULU SUPV TRANS CSG TBG STOCKS DHTOC DHEOL DHEOL TREE/S CHEM	ATION ATION BY ALB BIP	Pumpad 43	Bo / 448	BW in 24 hrs on	REDA submersible
MUD/Hy TANKS CMTG H28 E. LOGS PERF STIMULU SUPV TRANS CSG TBG S TOOLS D H EQL D H EQL D H EQL TREE / S CHEM	ATION ATION BY ALB BIP	Pumpad 43	Bo / 448	BW in 24 hrs on	REDA submersible

C 31 T 5 T 6 6 6 6 6 6 6 6 6	CCITT G3;#	9(35 287→ ION REPORT	9:59AM; Over/comple	DAILY WORK	186	8 /1/	NT BY
BIZE WT. GRADE DEPTH. BIZE WT. GRADE DEPTH. 7" 24 \$ \$ 95 12000 5" 18 P P 110 11835 1449 COST ITEMS TO REPORMED COST ITEMS PUMPED 32 Ro 390 RW in 24 hrs. on 10008 BIZE Pumped 31 Ro 435 BW in 24 hrs. on 10008 BIZE WT. GRADE DEPTH. 7" 24 \$ \$ 95 12000 11610 FF RECORD COST ITEMS TO FOTO PERFERENT CO PRIS STORE SOTE BILLIAN SOTE SOTE SOTE SOTE SOTE SOTE SOTE SOTE							
SUPPLEMENT SUP	STATEStah	CUCHERON	Ø 7 14/	RGE	TW		EC.
SIZE WT. GRADE DEPTH:		GROSS AFE	K S W	PZL. W.I.		_3/	PE NO.
SIZE WT. GRADE DEPTH		SUPPLEMENT 1	!-		5	CRIPTION D.	DB DESC
7" 24		TOTAL GROSS AFE	aciaize	esing and	EAGIF	Te,	
7" 24	THREAD	DEPTH:	GRADE	WT.	 E	8IZE	
S"					-		
## ## ## ## ## ## ## ## ## ## ## ## ##					<u></u>	7.7	
## ## ## ## ## ## ## ## ## ## ## ## ##	Hydril	//835 · /449/	P 110				<u> </u>
## ## ## ## ## ## ## ## ## ## ## ## ##							SS SI KING
RF RECORD COST ITEMS TO PKR • 8.N. • 80T • 80						## # A.	_
RF RECORD COST ITEMS TO PKR SN. EOT SN. EOT WORK PERFORMED B/1/86 NKS Pumped 32 Ro / 390 RW in 24 hrs. on TIG B LOSS RF Pumped 31 Ro / 435 BW in 24 hrs. on MULATION PV ANB R/3/86 G Pumped 43 Ro / 444 BW in 24 hrs. on R GOOLB RECOIL RECO		11610	N - 80	4.5#	<u>, </u>	2 %	
RF RECORD COST ITEMS TO PKR SN. EOT SN. EOT WORK PERFORMED B/1/86 NKS Pumped 32 Ro / 390 RW in 24 hrs. on TIG B LOSS RF Pumped 31 Ro / 435 BW in 24 hrs. on MULATION PV ANB R/3/86 G Pumped 43 Ro / 444 BW in 24 hrs. on R GOOLB RECOIL RECO							
COST TEMS TD							<u> </u>
COST ITEMS TO PERFORMED TO PERFORMED WORK PERFORMED ### Sun							
COST TEMS COST TEMS COST TEMS COST TEMS COST TEMS WORK PERFORMED 8.1.8 8							ERF REC
WORK PERFORMED 8/1/86 Pumped 32 RD / 390 RW in 24 hrs. on 11G 8 LOOS 8/2/86 RF Pumped 31 RD / 435 BW in 24 hrs. on PV ANB 8/3/86 G Pumped 43 BD / 444 BW in 24 hrs. on R 11COLB 11COLB 11COLB 11COLB 11COLB 11COLB 11COLP					VIS	COST ITEMS	
### ##################################	SITP	EOT ●	8.N. 🏚	•			∞
### ### ### ### ### ### ### ### ### ##				RK PERFORMED			10
Pumped 32 80 / 390 8W in 24 hrs. on 8 LOGS 8/2/86 RF Pumped 31 80 / 435 8W in 24 hrs. on PV ANB 8/3/86 G Pumped 13 80 / 444 8W in 24 hrs. on 8 GOULB HOULE HO				8/1/86)	לאַ אַ עַםְעוּ
8 LOGS RF Pumped 31 Bo 435 BW in 24 hrs. on MULATION PV ANB R/3/86 G Pumped 43 Bo 444 BW in 24 hrs. on R GOOLS HTOOLB HEQUIP HIFT PG U HOULP HEE/BOP	REDA submersi	n 24 hrs. on RE	0 / 390 AW	imped 32 B			ANKS
### ##################################			7		·		MTG
### ##################################							28
### ##################################				12/2/86			LOGS
PV ANB B/3/86 G Pumped 43 Bo / 444 BW in 24 hrs. on R 100L8 1700LB 1 LIFT PG U 50UIP EE / BOP	FDA submersib	ad his on PFI	in last River	7 = 700	• • • • • • • • • • • • • • • • • • • •		ERF
ANB B		1 AT THE DIT ALE	J TAS DA	impua 31 h	- 	TION	TIMULATI
R 3 86						' '- '- '	UPV
Pumped 13 Bo / 444 BW in 24 hrs. on R TOOLS HEQUIP HLIFT PG U TOUIP HEE / BOP				1-1			RANB
OOUB I TOOLB I EQUIP I LIFT PG U OUIP EE / BOP			/ *** -	/3/86			8G
HEGUIP H LIFT PQ U SOUIP EE / BOP	BA SHOMERSIA	14 hrs. on KEDA	/ 444 BW in	mped 43 Bo			
I EQUIP I LIFT PG U OUIP EE / BOP							TOOLS
I EQUIP I LIFT PG U OUIP EE / BOP						.B	H TOOLS
A LIFT PG U SOUIP EE / BOP							H EQUIP
PG U SOUIP EE / BOP		· · · · · · · · · · · · · · · · · · ·					H LIFT
EE / BOP						<u></u>	
EE / BOP							
						10	
						···	
							HEM
HER					-		THER

NO.

I NAS	4/28/86	MAN 1-31A	J	FIELD A LECTION	_
).	31	man 1-21A.	RGE RSW	Duchesne	ST WHah
NQ.	<u> </u>		. W.I.	GROSS AFE	
DESC	PAIPTION		and the	SUPPLEMENT 1	
	Kepair	casing and	nciaiza.	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
1	0122				
	<u> 7" </u>	26*	5 95	12060	11 -1 1
	5"	18#	P 110	11835 - 14497	Hydrel
 					
	2 %"	6.5#	N-80		
<u>:</u>					
RF RE	CORD				
	COST ITEMS	TD	POTO	Wasatch gross:	12674 - 14439
×c		PKR	8.N.	EOT Ø	SITP D ps/
Ġ	1200	WORK PERFORMED			
UD/ H,C		POOH WET	with 393 in	to 2 1/8" tubing.	Found
NKS	25	thick came	ent with sand	t 2 1/8" tubing.	+ destroyed
MTG		DIH with	now 45" hit	and 200 justs 2	7/8" tha.
25		SIFN.			<i>y</i>
LOG8					
ERF					
PIMULA	TION				
UPV					
RANS	0.0	1/20/01	SI for Sund		
80	80	6/27/89	3/ YOF GUNU	29	
3G			· · · · · · · · · · · · · · · · · · ·		
TOOLS					
н тоо	<u>30</u>				
H EQU	600				
HUFT				•	
MPG U					
EOUIP					
REE / B	/00				
HEM					
THER					
DTAL	2035				
		RIG		SUPERVISOR , /	<u> </u>

NO.	
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WELL NAM	6/30/8/a Harti	man 1-3/A3		FIELD AHamon	PAGE OF		
EÇ.	31	TWP T/S RG	R3W	Ouchesne	STATE		
FE NO.		PZL. W.I.					
OB DESC	REPORT REPORT	casing and	ocidize.	SUPPLEMENT 1			
				TOTAL GROSS AFE			
	SIZE	WT.	GRADE	DEPTH	THREAD		
<u>.</u>	7'	26 st	\$ 95	12060			
	5"	18 #	P 110	11835 - 14497	Hydril		
CSG STRING							
8							
爱	2 7/8"	6.5#	N-80				
STRBNG(S)							
B							
ERF RE	CORD						
	COST ITEMS	TO 14500	POTO 14478	PERFSIENT Wasatch gro	ss: 12674-14430		
oc		PKR •	S.N.	EOT 🍎	SITP O PS/		
iiG	1712	WORK PERFORMED			; <u> </u>		
O _r H \GUI		RIN with son	rainding 193	into 2 7/4" the	PII DOWER		
ANKS	25	RIH with remainder 193 into 2% they. Ry power swive! Break circ. Tagged remains of sem ret. at T.O.L. Drilled on sem ret and fell thru after 3 hrs. Plugged of repeatedly. Rev. circ. clean. No shavings in returns. RIH to 5"CIBP at 11910! Drill out CIBP in					
EMTG							
(25							
LOGE							
ERF							
TIMULAT	ION				above		
UPV			N	:11 102 111	Ecu/		
PANS	80	Du 1/ 2	*# the casing		14354'		
:SG	80	,	76" the Cha.		4354		
18G		POOH with	310 MB 2	18 TOG.			
TOOLS	200	SIFN.					
H TOOL	300		120				
H EQUII)						
HLIFT							
MPG U			<u> </u>				
EQUIP							
REE / BO	P				<u> </u>		
CHEM	100						
THER							
TOTAL.	-						
~ ~ ~ L	2217	İ	<u></u>				

_	_
NO.	∇
1104	

DATE	7/1/86	DAILY	WORKOVER / COMP	LETION REI	PORT	PAGE OF
WELL NA	MES NO. Har	tman 1-31	A3	FIELD	Altamont	
SEC.	31	TVPTIS	AGE R3W	COUNTYDUC	hesne	STATELHah
AFE NO.			ZL., W.I.		GROSS AFE	
JOB DES	CRIPTION REDGIR	casing ana	acidize.		SUPPLEMENT 1	
					TOTAL GROSS AFE	
	SIZE	WT.	GRADE		DEPTH	THREAD
9	7"	26 #	S 95	120	40	
	5"	18#	P 110	118.	35-14497	Hydril
CSG STRING						
<u>5</u>	2 %"	6.5*	1/ 20			
STRING(S)	2 '8		N- 80			
186						
PERF RE	CORD					
	COST ITEMS	TD 14500	PDTD 14497	PERFS/5	MT to be a sec	12/24 14430
roc	· · · · · · · · · · · · · · · · · · ·	PKR •	8.N.	EOT @	isuich gibs	12674-14439
RIG	13/5	WORK PERFORMED				
MUD/ H ₂ O		POON wit	h remain 2 %"	tuhing	and di	hit
TANKS	40	RU Hydro	hocter	Tubing	WILL TR	
CMTG			in hole above	me dine to	8500 000	With
H28		5" Mtn St	lates HD pack	2 2 %	6 × 2 25 1	D sent minula
E. LOGS		3705' - 7	N. 80 Nuloc	enerial a	learnes H	a sear rippie,
PERF		remainde	- 2 %" N-80.	and the	11	
STIMULAT	TIÓN	packer H		11 # 7 7 9	744	puble getting
SUPV			er at 12001	1 in 250	00 1/2 0-	
TRANS	440		lus and test		O Ta. Cam	areasy or .
CSG		SIEN	THE THE ST	· · · · · · · · · · · · · · · · · · ·		
TBG						
8 TOOLS						
D H TOOLS	1600				***************************************	
D H EQUIP						
DHUFT				, <u>, , , , , , , , , , , , , , , , , , </u>		
PMPG U						
8 EQUIP						•
TREE / BO	100					
CHEM	, <u> </u>					
STHER Hydro	test 1230					
TOTAL	4725					
		1				

DATE _		AL DAIL	RKOVER / COMPL			PAGE _ OF _Z_
MEIT NAM	Harti	man 1-31A3		FIÈLD	AITAMONT	Lander
SEC.	31	TWP TIS	R3W	COUNTY	pesne	STATE Utoh
AFE NO.		PZL. W.	J.		5.10007112	
JOB DESC	REPTION REPORT	r casing and	acidiza.		SUPPLEMENT 1	
		7			TOTAL GROSS AFE	
	SIZE	WT.	GRADE		DEPTH	THREAD
(2)	74	26#	5 95		2060	
STRING	5"	18#	P 110	1183	35-14497	Hydril
GST						
8 -	***					
<u>s</u>	25"	6.5*	N-80			
STRING(S)						
B						
PERF RE	CORD			 -		
-	COST ITEMS	TD 14500	POTD 14478	PERF	Wasatch ares	s: 12674-14439
LOC		PKR &	S.N.	EOT @		SITP
RIG		WORK PERFORMED				
MUD/H ₂ O)	Swabbed	200 bb/ f/	id in	20 - rune	5 80 and
TANKS			acid water.			
CMTG		Stabilized	TI of 600	0'- 43	OO' PH	last run 6.
H28		222 11	load with to			
LOGS		SIFN	loga with to	<i>,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
PERF		3/F/	····			
BTIMULA	TION					
SUPV						
TRANS						
CBG						
TBG						
S TOOLS						
D H TOOL	.8					
D H EOU	iP					
DHUFT	· · · · · · · · · · · · · · · · · · ·					
PMPG U	······································					
8 EQUIP						
TREE / B	OP					
CHEM						
OTHER				, , , , , , , , , , , , , , , , , , ,		
'OTAL						
TDT		RIQ Temples		SUPERV)	SOR DR Lanks	ford
		/Empres				

ATE	7/2,186		KOVER / COMPLE			PAGEOF	
WELL NAME &	NO. Hartma	n 1-31A3		- 1	Altamont	STAYE A	
BEC.	<i>31</i>	NP T18	BE R3W	COUNTY	uchesne	STATE UHah	
AFE NO.		PZL. W.I.			GHOSS APE		
JOB DESCRIP	TION Repair	casing and	acidize.		SUPPLEMENT 1		
					TOTAL GROSS AFE		
	SIZE	WT.	GRADE		DEPTH	THREAD	
(3	74	26#	\$ 95		12060		
STRING	5"	18#	P 110		835-14499	Hydril	
20 20							
280							
<u>6</u>	2 7/8"	6.5*	N 80				
STHING(S)							
TBG.							
PERF RECO	RD						
	COST ITEMS	TD 14500	PDTD 14478	PEI	Wasatch gra	SITP	
LOC		PKR 0 /2001	8.N. 0 /2000	EO	12001	SITP	
RIG	1482	WORK PERFORMED					
MUD/H ₂ O	TOLE	PU Smith	Engrall to ac	dize	d Wasatch	Derfs 12674 -	
TANKS	40	Ry Smith Energy to ocidized Wasatch perfs 12674 -					
CMTG	-70	15 15/1000 gal AGA-1 (gelling agent)					
H29		1 gal/1000	EPS-6 (6	muls.	break.)		
: LOG8		3 gal/1000 CIA - 2 (corr. inhib.)					
PERF		10 90/1000			ng agant)		
STIMULATIO	1200	1 901/1000	A = - A		ic. red.)		
SUPV	7200	and 600		lere.	as follows		
TRANS	300	Set and	tested annul		po-off at 1	500 psi.	
CSG		Tasted line	s to 9500 0	si. O	K. Press.	and held	
TBG		1	en annulus.				
\$ TOOLS		Start balls		6/s. a	cid gone. a	nd dropped	
D H TOOLS	430	grenty thro	unhout acid.	Car	ight pressy	re ofter	
D H EQUIP		45 661. 90	ne Stabiliz	ed o	+ 12.6 BPM	1 and 8000 psi.	
DHLIFT		Saw no h	all action w	241/_	210 bbl. go	ne. Saw	
PMPG U		slight to	moderate be	Il ac	tion thru 1	emainder of job	
S EQUIP		Flushed wi	th 81 661.	27. K	cl water w	ith 0,5 ga/1000	
TREE / BOP	100	WFR -2 (frie	red.) Max	rate	12.6 BPM at	8600 psi	
CHEM		Aver rate	12BPM at 820	00 05/	151P. 24	00 psi	
OTHER O	iler 360	5 min SIP.	150 psi 10	min.	SIP: 100 psi.	15 min SIP: 80 ps	
		RD Smith	Rigged	40 5M	1ab.		
TOTAL	39/2						
трт	64252	RIG Temples		SUP	ervisor Lankforg		
	<u> </u>						

DATE _	7/3/86	DAILY WOR	KOVER / COMPLE		PAGE OF
WELL NAM	Harty	nan 1-31 A3		FIELD Altamont	<u></u>
SEC.	31	TWP 7/5 RG	R 3 W	COUNTY Duches ne	STATE Utah
AFE NO.		PZL. W.I.		GROSS AFE	
OB DESC	PRIPTION Repair	casing and	ecidiza.	SUPPLEMENT 1	
	Дориг	casing and	0/0/20	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
(5)	7"	26 #	\$ 95	12060	
CSG STRING	<u> </u>	18#	P 110	11835-14497	Hydril
3 ST			7 110	71800 7	77991.
S	.				
<u>6</u>	2 7/8"	6.5#	N-80		
STRING(S)		4.3	N-80		
STR					
TBG.					
PERF RE	CORD				<u> </u>
	COST ITEMS	TD Advers	PDTD 14470	PERFS/FMT / /	12/42 141-20
LOC		14500 PKR @	14478 s.n.@	Wasatch gross	SITP
RIG		WORK PERFORMED	12000	/200/	
MUD/H ₂ O	1467	10. (11.	.1 、1	
TANKS			vahbing back		^
OMTG	40	1 .	0 BO / 210 B	w in 11 hrs.	from aver.
		fluid level			
H2S		22 bbl. load	d wtr. to rec	over.	
E. LOGS					
PERF					-
STIMULAT	FION				
SUPV		7/4/86 51	for Holiday		
TRANS	***************************************	, ,			
CSG		7/5/86 51	for weekend		
TBG					
S TOOLS		7/4/86 51.	for weekend		
D H TOOL	s 250	7-7			
D H EQUII	•				
DHLIFT					
PMPG U					
S EQUIP					
TREE / BC	100				
CHEM	700				· · · · · · · · · · · · · · · · · · ·
OTHER			<u> </u>		· · · · · · · · · · · · · · · · · · ·
TOTAL	1007				
TDT	1857	RIG T		SUPERVISOR Lankford	
	66109	Temples		LUTTETU	

DATE	7/7/86	DAILY WOR	KOVER / COMPLE	TION REPORT	PAGE OF
WELL NA	ME & NO.	artman 1-31A3	?	FIELD Altamont	
SEC.	3/	TWP 715 RG	E R3W	countyDuchesne	STATE Utah
AFE NO.		PZL. W.I.		GROSS AFE	7,3,
JOB DES	CRIPTION Repair	casing and	acidize	SUPPLEMENT 1	
		- coloring - arma		TOTAL GROSS AFE	· · · · · · · · · · · · · · · · · · ·
	SIZE	WT.	GRADE	DEPTH	THREAD
9	7"	26#	5 95	12060	
CSG STRING	5"	/8 #	P 110	11835-14497	Hydril
S 58					
8					
(S)	27/84	6.5#	N- 80		
STRING(S)					
TBG.					
PERF RE	CORD				
	COST ITEMS	TD 14500	PDTD 14478	Wasatch arose	12674 - 14439 SITP 500 ps/.
LOC		PKR @	S.N.@	EOT @	SITP 500 051.
RIG	1300	WORK PERFORMED			
MUD/ H ₂ C		72 hr. SITH	: 500 psi.	Fluid leval: 29	100 ff.
TANKS	40			Made 26 swab r	
OMTG		10 hrs. Av	erane fluid	level: 6000 ff	!
H2S		Swabbed 7	o Bo and a	7 BW. 24 hr.	rate:
E. LOGS		168 BO and	4		
PERF			later recover	red	
STIMULA	TION				
SUPV					
TRANS					
CSG					
TBG					
S TOOLS					
D H TOOL	S			· · · · · · · · · · · · · · · · · · ·	
D H EQUII	P				
DHLIFT					
PMPG U					
S EQUIP					
TREE / BC	/00				
СНЕМ	•				
OTHER					
TOTAL	1440				
TDT	1440 67549	RIG Temples		SUPERVISOR DR Lankto	ord

DATE	7/8/86	DAILY WORK	OVER / COMPLET	ION REPORT	PAGE OF
WELL	NAME & NO. Hartn	nan 1-31A3 PROFERENCE		FIELD Altamont	
SEC.	31 TV	VP TIS' RGE	R3W	COUNTY UCHES ne	STATEUtah
AFE N		PZL. W.I.		GROSS AFE	
OB C	DESCRIPTION Dennix	casing and	acidiza	SUPPLEMENT 1	
	<u> Қерап</u>	casing and	acicize	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
(5)	7"	26 #	5' 95	12060	
CSG STRING	5"	18#	P 110	11835-14497	Hydril
3 ST		78	+ 7 // 0	7,000 7.77	7799111
SS					
<u>(S)</u>	2 7/8"	6.5#	N-80		
STRING(S)	<u> </u>	.			
			-		
TBG.					
	RECORD				<u> </u>
	COST ITEMS	TD 14500	PDTD 14478	PERFS/FMT	12/74 - 14429
LOC		PKR @ 12001	S.N.@ 12000	PERFSIFMT Wasatch gross:	SITP 250 ASI
RIG	1300	WORK PERFORMED			1 200 /01.
MUD/		Continue swa	abbina:		
TANK	s 40			5 BW in 10 hrs	144
CMTG				ver. fluid level	
H2S			: 149 BO /		OF GOOD
E. LO	GS	24 111. 1416	. 17 60 /	700 011.	
PERF					
STIMU	JLATION				
SUPV					
TRAN	S				· ·
CSG					
TBG					
s too	DLS				
DHT	DOLS		58" - 5		
DHE	QUIP				
DHL	FT				
PMPG	U				
S EQU	DIP	· ·			·
TREE	/ BOP 100				
CHEM					
OTHE	R				
					
TOTAL	1440				
TDT		RIG To a des	-	SUPERVISOR Lankford	,
	68989	Temples		1 2017 1019	

DATE	7/9/86	DAIL	KOVER / COMPL	EHON	KEPU	PAGE OF
WELL N	AME & NO. Har	tman 1-31A	3		FIELD Altamont	<u></u>
SEC.	31	WP T15 RG	E R3 W	COUNT	chesne	STATE
AFE NO		PZL. W.I.			GROSS AFE	
OB DE	SCRIPTION Repair	casing and ac	cidize		SUPPLEMENT 1	
	7				TOTAL GROSS AFE	
	SIZE	WT.	GRADE		DEPTH	THREAD
<u></u>	7*	26#	5 95		12060	
CSG STRING	5"	18#	P 110		11835-14497	Hydril
TS 5	<u> </u>				7.0.5	7,99,7,7
š						
(S)	2 7/8"	6.5#	N-80			
STRING(S)	4 /8	1 2.3	1,00			
TBG.						
	RECORD					
	COST ITEMS	TD 14500	PDTD 14478		PERFS/FMT	~ (() 17/7A-1AA20
LOC		PKR @ /200 /	S.N.@ /2000		EOT @ 1200 C	oss: 12674-14439 SITP 300 psi.
RIG		WORK PERFORMED	12000		72006	1 000 ps
MUD/H	<u>875</u> ₽	2 /	2004	. //	270 : 1 276	" 1 /
TANKS	40	Keleasa pack	er POUH V	<u>viTh </u>	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	" tubing, S.N.,
MTG	40		- RIH WIT	h KI	11 string.	
H2S	1,2 1,1 1,1 1,1	SIFN		 -		
E. LOGS	 S					
PERF		-				
STIMUL	ATION					
SUPV						
TRANS						
CSG						
TBG				 = w.		
S TOOL	s a		 .			
DHTO	30 OLS					-
D H EQ	435'					
DHLIF	T					
PMPG U						
S EQUI	, <u></u>					
TREE /						
CHEM	100					
OTHER						
TOTAL						
		RIG		191	PERVISOR	
TDT	70469	RIG Temples		130	PERVISOR DR Lankton	rq

DATE _		DAIL	KOVER / COMPL		PAGE OF
WELL NA	Hartma	an 1-31A3		FIELD Altamont	_
SEC.	31	TWP T 15 RG	ER3W	COUNTY Duchesne	STATE Utah
AFE NO.		PZL. W.I.		0.10007.02	
JOB DESC	PRIPTION Repair	casing and c	icidize.	SUPPLEMENT 1	
	7			TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
9	7"	26 #	5 95	12060	
STRING	5*	18 #	P 110	11835 - 14497	Hydril
G SI					
- SS					
<u>©</u>	2 %"	6.54	N-80		
STRING(S)	<u> </u>	0.5	77 00		
TBG.					
PERF RE	CORD				
	COST ITEMS	TD 14500	PDTD 14478	PERFS/FMT	-11: 12/24 1//20
LOC	COST TIENTO	14500 PKR @	S.N.@	EOT @	TOSS: 12674 - 14439
RIG		WORK PERFORMED			
MUD/ H ₂ C	800		1.41 1.		
TANKS		POOH with	kill string.	NU Hydril BOP	
	40	RIH with K	CEDA DN 45	0, 459 stoge, 278" N-80 Bri	60 HP
CMTG		submarsible	pump on	2 %" N-80 Br	d tubing
H2S		to 4500 f	? <i>t</i>		
E. LOGS		SIFN.			
PERF					
STIMULA	TION				
SUPV					
TRANS					
csg					
TBG					
S TOOLS					
D H TOO	_S				
D H EQU	12000				
DHLIFT					
PMPG U					
S EQUIP					
TREE / B	OP 150				
CHEM	730				
OTHER				<u> </u>	
TOTAL	12.20-				
TDT	12990	RIG Temples		SUPERVISOR Lankfor	<i>d</i>
	83459	lemples		LUNKTO	<u> </u>

JARTMAN 1.3113

7-11-86

1.00 7:00 Crew travel

1.00 3:30 3:77 100 15: This up 33 gts 100. Bours

cash to the w/3 lands per ft.

RD Flow + Pan tongs - ND Mydrel + BOP
Coul Tob- NV Wellhead
Start Rede Pump - (No proof going reverse
change notation) - Well Started Pumping

50=N

3.30.432 Crew travel

NO.	
	•

NAM	6/17/86 EANO: 1/2	1	KOVER / COMPLET	FIELD Altamont	•
300	Hat	tman 1-3/	F 27 m/	county Duches ne	STATE Utah
Ō.	31	TIS PZL. W.I.	R3W	GROSS AFE	
	RIPTION Dean in			SUPPLEMENT 1	
E80	Repair	casing leak.		TOTAL GROSS AFE	
_			GRADE	DEPTH	THREAD
r	SIZE	WT.			
	<u> 7" </u>	26#	5 95	12060	Hydril
<u> </u>	5"	18#	P 110	11835 -14497	1743111
_					
					8 rd
_	2 1/8"	6.5 #	N-80		8 rd
FRE	CORD			DEDER#UT,	
	COST ITEMS	TD 14500	PDTD 144-78	Wasatch gross	12674 - 14439 BITP
		PKR @	8.N.	101.6	
	1350	WORK PERFORMED		<u>. </u>	
)/ H ₁ C		Tubing on V	acuum. Rete	st liner lop.	Would not
IK8	25	Roleage 7	" pkr. Tagge	d RBP O.K.	Reset paci
rG		at 11742	Pressure	tubing and and	rulus to
3		1500 asi	After 30 m	in tubing pres	5. 700 psi
QGB		ancina DECS	s: //00 psi	Bled tubing	to o psi
₹F			we dranged	1 from 1100 as	1 to 900 p
MUL	ATION	Casing pres	Pumped do	wn tubing at	1450 psi
PV		and & BPM		ss climbed an	d held at
ANS			CHO!!!		
G	120	1400 ps/.	her Cotch a	and release RB	P POOH
3		W. L. b.	DAD and	nacker	-
oou	<u> </u>	Dul H	g par conta	tuhing	
I TOC	30	XIII WITH	O INIS 2 A	Tuditig.	
1 EQL	400	SIFN			
HLIFT		· ·			
IPG L					
EQUII					
	200		<u>, </u>		
HEE / I	100				
HEM					
THER					
TAL	2025				

TE 6/18/86		A	FIELD A. /	PAGE OF
Unrty	nan 1-3/A		COUNTY_ FIELD Altament	STATE , / /
3/	TWP T/S	R3W	Duches ne	STATE Utah
E NO.	Pat	. W.I.	SUPPLEMENT 1	
B DESCRIPTION Repa	ir casing l	eak	TOTAL GROSS AFE	
	<u> </u>			
SIZE	WT.	GRADE	DEPTH	THREAD
7"	26 #	\$ 95	12060	ļ
5"	18#	P 110	11835-14497	Hydril
27/8"	4.5#	N-80		8 rd
RF RECORD				
COST ITEMS	14500	PDT0 14478	Wasatch gross:	12674 - 14439
c	РКЯ Ф	S.N.	EOT @	SITP
1238	WORK PERFORMED			
101 H ₁ 0	Pool with	kill string.		
NK\$	PU NI NA	CC Moude Di	11 1 + 5"0	180 at 1191
ITG			Hand set 5"C	
<u> </u>	Poot I	oad hole and	press. test to s t retainer at 11	VED' POOL
LOGS	RIH and	ser I cemen	TERMINET OF IT	GS O. POUR
RF	RD NI M	ccullough.	B into 2 1/2" +ba.	Torned
IMULATION	KIH WITH S	2/	, , , , , , , , , , , , , , , , , , ,	1 77,
PV	Cem retain		ung test Press	tast tubin
ANS	to 2000 p	osi O.K. Sting	into retainer.	Pumped
G	down tubie	ng. Pressured	to 1500 psi S	1. Press.
6	dropped to	e 1450 psi in	10 min	
oous _	Shut well	in with 1000 p	ri. on tubing at	5:30 PM
30	Bled to	opsiby 7:	00 AM 6/19/86	
1825			*	
H EQUIP				
4 UFT				
PG U				
EQUIP				
100 /OO				
HEM				
THER VIPALINE 1038				
7000				

. 4	

VELL NAM	Hartma	n 1-31A8		FIELD Altamont	
EC.	3/	n 1-31A3	RGE R3W	Duchesne	BTATE Utah
E NO		PZL.		GROSS AFE	
DESCR	IPTION Pegair	assiss and	anidiza	SUPPLEMENT 1	
	χεραίτ	casing and	uciaize	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
T -	7*	26#			
	5"	18#	\$ 95	12060	Madail
<u> </u>		10	P 110	11633 1477/	Hydril
+-	- 10 1 11		44 00		1 0 1
	2 7/8"	6.5*	N - 80		8 rd.
-					
					1
RF REC	ORD				
	·	TD .	POTO	PERFS/FMT	
0	COST ITEMS	14500	9.N.@	EOT @	SITP
		WORK PERFORMED			O psi
<u> </u>	1210				
ס, אינס		Work tuk	ning in and ou	t of cement re	tainer.
(KB				000 psi. Bled	
TĠ		in 40 mi		·	•
3		POOH wit	h 378 ints 2	2 1/2" thg, and	stinger
.008		TIU with	1 tooth his	an 2 %" tha	Tag
PF.		cement r	retainer at 11	650'	
MULATR	DN	RU nower	swivel and st	ripping head	
•		SIEN	•	//- 3	
NS	40				
3					
3					
DOLS					
TOOLS	- 3800 657				
EOUIP					
LIFT					
- G U					
QUIP					
E / BOP					
EM	100				
HER					
rari					
7 A i					
TAL	5807				

NAME & NO. Harte	man 1-31A3		FIELD Altamont	
31	TWP TIS	E R3W	OUNTY Duches ne	STATE Utah
D	PZL. W.I.		SUPPLÉMENT 1	
ESCRIPTION REAC	air casing and	acidiza		
			TOTAL GROSS AFE	
SIZE	WT.	GRADE	DEPTH	THREAD
7"	26 #	5 95	12060	
5"	18#	P 110	11835-14497	Hydril
				<u> </u>
2 1/8"	6.5#	N-80		
RECORD				
COST ITEMS	10 14500	PDTD 14478	Wasatch gross:	12674 - 14439
	PKR •	8.N. @	EOT •	SITP
1500	WORK PERFORMED RE	ak circ. Circ.	up Green oil ar	nd gas.
/ H ₂ O		== ,		hru after
⁽⁸ 25		Pev. circ clean	. Chase to 1	OL.
3	4	mains of cem.	cat in 10 m	in. Circ
	clean for	1 hr. Close	d tubing Pro	ess down
G S	casing to	1350 psi Es	tab. injection	rate 1 BPM
	at 1350 051	•		To psi. in
ULATION		RD power sn	, ,	ith 320
/	27/8" tha.	SIFN.		
40	3			
	6/21/86	SI for weat	kend	
OLS 384	6/2/00	SI for weak		
roous	6/22/06	SI for war	tand.	
QUIP	1/1/00	V TO THE PROPERTY OF		
JFT				
G U			· · · · · · · · · · · · · · · · · · ·	
JUIP 384				
/ BOP				
/00 _				
ten				

MΩ	4	À
NU.		,

ELL NAME & NO!	Hartm	an 1-31	A3	FIELD Altamon	≠
c. 3/	TWD	15 RC	BE R3W CO	Duchesne	STATE Utah
NO.		PZL. W.L.	<u> </u>	GROSS AFE	
DESCRIPTION	<i>A</i> ·		- ' /'	BUPPLEMENT 1	
	Repair cas	ing and	acidize	TOTAL GROSS AFE	
SIZ	7E	WT.	GRADE	DEPTH	THREAD
					, , , , , , , , , , , , , , , , , , ,
5	, ,	26 #	\$ 95	12060	1/ 1 : 1
	*	18 #	P 110	11835-14497	Hydri
2 %	<u> </u>	4.5 #	N-80		8 rd
23					
RF RECORD					
COST IT	EMS TD	500	POTD C/BP @ //9/0	PERFS/FMT	
С	PKR @	t	\$.N. ⊕	EOT •	SITP
· /·	445 WORK	PERFORMED			
ID/ H _I O		OH with 1	Tempining 82	ints tubing a	nd Gh bit
NKŞ	25 TI	U with B	remaining 82 aker 7" Retrieva	matic and 'G	· time RBP
ITG	an	381 ints	2% " the		
8	50	+ Packer	at 11742. P	rece down tub	Ina to 2000
OG8		ld 5 min	O V P.	ed down annu	lup of 15 A
RF			•	era caroner annu	1123
IMULATION	- and	d 1450 ps		hala tastina	resentedly
PV		enten per	: Came up the	noie Testing	repeatedly.
	70	2000 psi			
AHE	40	· _ <i>f</i>	1 . 1	01111	
	40 Cas	ing found	d good below	81/6'	1 PPM -1 P00
G.	Sei	ing found	7495! Pumped	down tubing	E BPM at 1900
G G	Sei P	ing found t pkr. at sumped do	7495! Pumped	8116' down tubing to BPM at 145	BPM at 1900
G TOOLS	Se1 P SU S'E	KEP at	7495! Pumped	down tubing	EBPM at 1900 Deal.
G G TOOLS	Se1 P 30 Se		7495! Pumped	down tubing	† BPM at 1900 το ροί. το ευυυρεί. υ
G G TOOLS HEQUIP	Se1 P SU S'E	KEP at	7495! Pumped	down tubing	<u> </u>
G G TOOLR H TOOLS H EQUIP	Se1 P SU S'E	KEP at	7495! Pumped	down tubing	E BPM at 1900 το ραί το ευυυρεν. υ
eg TOOLS HEQUIP HUFT	Se1 P SU S'E	KEP at	7495! Pumped	down tubing	† BPM at 1900 το ρεί. το ευυυρεί. υ
BG TOOLS HEQUIP HEQUIP EQUIP	501 P 30 3'8, 700 \$1	KEP at	7495! Pumped	down tubing	<u>ξ BPM of 1900</u> το ευυυρεν. υ
RG TOOLS HEQUIP HLIFT APG U	Se1 P SU S'E	KEP at	7495! Pumped	down tubing	E BPM at 1900 Το Δυυμρεγ. υ
PG TOOLS /: HEQUIP HLIFT APG U EQUIP	501 P 30 3'8, 700 \$1	KEP at	7495! Pumped	down tubing	EBPM at 1900 Deci.
GG GG TOOLS HEQUIP HUFT FGU EQUIP ÉÉ / BOP	501 P 30 3'8, 700 \$1	KEP at	7495! Pumped	down tubing	EBPM of 1900
GG GG FMIR HITOOLS HIEOUIP HILIFT FFG U EQUIP EÉ / BOP HER	501 P 30 3'8, 700 \$1	KEP at	7495! Pumped	down tubing	† BPM at 1900 το Συυυρεν. υ

WELL.			A 2	FIELD /	PAGE OF
SEC.	31	artman T-31	RGE R3W	COUNTY Duchesne	STATE Utah
AFE N	o	PZL. W.	1. X 3 N/	GROSS AFE	4747)
J08 D	ESCRIPTION PEDOI	r casing and	paidine	SUPPLEMENT 1	
	Kepan	casing and	uciui 24	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
5	7'	26 #	S 95	12060	
H.	5*	18#	P 110	11835-14497	Hydri
CSG STRING					
Ö					
(S)	2 %"	4.5 #	N-80		8 rd
STRUNGS					
S. S.					
E S					
PERF	RECORD				
	COST ITEMS	TD 14500	PDTD BP @ 1/9/6	PERFS/FMT	
LOC			\$.N. •	EOT •	SITP
RIG	1465	WORK PERFORMED			· · · · · · · · · · · · · · · · · · ·
MUD/F		POOH with	remaining 8	2 jnts tubing on	d Gt bit
CMTG	15	TIH with E	Paker 7" Retries	camatic and 'G'	type RAP
H28		on 381 ints	23 " tog.	· · · · · · · · · · · · · · · · · · ·	
LOG	ė.	Set Packer	at 11742.	Press down tube	ing to 2000 psi.
PERF	-			ned down annul	us at 12 BPM
STIMU	LATION	and 1450 p	c/.		, , , ,
SUPV		}	•	e hole testing	repeatedly
TRANS		to 2000 psi			, , , , , , , , , , , , , , , , , , ,
CSG	40		d good below		60.4 4 m - 1
TBG		Set pkr. at	7495. Pumper		BPM at 1900 psy.
\$ TOOL			wn annulus	A. 1 1) pri
DHTO	30 018	Set RBP at	7495: PU 60	off. Test plug t	= 2000psi. O.K.
D H EO		SIFN			· · · · · · · · · · · · · · · · · · ·
D H LIF	न				
PMPG (ų .				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
8 EQUI	P				
TREE /	100		·		
CHEM					
OTHER	3				
					· · · · · · · · · · · · · · · · · · ·
DTAL	3360				
TDT	37489	Aig Temples		SUPERVISOR DR Lank for	1

DATE	6/14/8	DAIL YOR	KOVER / COMPLET	ION REPO	PAGE OF
WELL NAME	C A AIO	nan 1-31 A3		FIELD Altamon	<u> </u>
SEC.	3/	T/S	R3W	Duchasna	STATE
AFE NO.		PZL. W.i.		GROSS AFE	~
JOB DESCA	RIPTION Report	casing and	acidiza	SUPPLEMENT 1	***************************************
	- August			TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
(7)	74	26 [#]	5 95	12060	
CSG STRING	5"	18 #	P 110	11835 - 14497	Hydril
S				11000 1	
8 -					
<u> </u>	2 1/8"	6.5#	N-80		8 rd
STRING(S)		<u> </u>			
STR					
TBG.		10.71			
PERF REC	ORD				
<u> —</u>	COST ITEMS	TD /4500	PDTD	PERFS/FMT	4 14420
LOC		PKR @	8.N. e	PERFSIEMT Wasatch 1267	SITP
AIG	A ed 4 es	WORK PERFORMED			
MuD/ H ₂ O	1410	Carlinua 1		-1 / 2222	
TANKS				asing to 2000,	<u>as/.</u>
CMTG			ng good belo		
H28	2853	1 .		an 7495 - 8116	ot
LOGS		+ BPM @ /	·		
PERF		Found cosi	ng good trom	4343 - 7495	4- C
STHULATE	ON	· ·	_	an 3725 · 434	73 of
SUPV		2 BPM @		_	·
TRANS		Found cas	ing good abo	ova 3725.	
CSG	340				
		Type G RBI		Pump 5 sx. s	
TBG	- 	at 5500.	PU and sa	t Baker Retri	evamatic PKr.
S TOOLS	30	at 3480.			
D H TOOLS	400	Ry Dowell.	Press and hi	old 1000 psi. o.	n annulus.
DH EQUIP		Estab injec	trate 2 BPM	@ 1500 psi F	Jump 10 661.
DHLIFT		trash water	pad. Mix ar	nd pump 300	sx class G'
PMPG U		neat cemen	ot (15.8 ppg.	1.15 yield, 4 h	rs pmg time).
8 EQUIP		at 2 ± Bt	M and 900	psi. Displace	with FSW
TREE / BOP	100	to 3611' a	+ + BPM.	Final squeeze	press 2000 ps
CHEM		SIFN with	1800 BSi on	tubing.	
OTHER					
OTAL	5/33				
TOT	42622	RIG Temples		SUPERVISOR DR Land	ford

WELL NAM		VAG DAIL YU	HKOVEH / COMPLETI		FAGE OF
	Harte	nan 1-31 A3		FIELD Altamon	<i>t</i>
SEC.	3/	715	RGE R3W 0	OUNTY Duchesne	STATEUtah
AFE NO.		PZL. W	/.i.	GNUGO AFE	
JOB DESCE	REPAIR	ir casing and	l acidize.	SUPPLEMENT 1	
		J		TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
Ø	7*	26 ^d	\$ 95	12040	
SHING	۲,	10#	חוות	11675 . INAD-	March
383					
3					
SS .	2 2,"	6.5#	N-80		8 rd
STINING(S)					
18G					
PERF RECO	ORD				
	COST ITEMS	TD 14500	PÔTÔ C/BP @ /1910	PERFS/FMT	12/74-14420
LOC		PKR 9 3480	8.N. e	EOT ●	12674 - 14439 BITP O DSI
RIG	1755	WORK PERFORMED		<u> </u>	μ σ μ σ τ
MUD/H,O		Dalassa as	-lan Donel with	4 - 1	04
TANKS	25	Ruleusa pae	cker POOH wit	n Juding and	packer.
CMTG		KIH WITH	6 to bit and 7	scraper on	2 % Tubing.
H28		Tound Top	of coment at	3630 RU	nower swive.
LOGS		VIFIII MAGIL	um - hard cema	int 3630 - 390	57. 570p
PERF			test at 3969		<u>t 3922-3932).</u>
STIMULATIO	ON		100 psi. Held S		- 11
8UPV		1	edium coment		· · · · · · · · · · · · · · · · · · ·
TRANS		1	prase test to	2000 pst. Bi	ed to 1850 ps
Cag		in 5 min			
TBG		SIFN			
8 TOOLS					
DH TOOLS	344				
D H EQUIP	100		1		
DHLIFT	•				
PMPG U					
\$ EQUIP					
TREE / BOP					
CHEM	100				
OTHER					
			· · · · · · · · · · · · · · · · · · ·		The state of the s
OTAL					
TDT	2.754	RIG		SUPERVISOR	<u> </u>
	45376	RIG Temples		DR Lankt	bral

ŀ	NO	ß
•	-	

DATE	6/26/	86 DAILY WO	RKOVER / COMPLET	ION REPORT	OF
WELL NA	ME& NO. Hartn	nan 1-31A3		FIELD Altamon	<i></i>
SEC.	3/		GE R3W	Duchesne	STATE Hah
AFE NO.		PZL. W.		GROSS AFE	
JOB DEB	CRIPTION REDGI	r casing and	l acidiza	SUPPLEMENT 1	
•				TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
y	7"	26 #	\$ 95	12060	
STRING	5"	18#	P //0	11834 - 14497	Hydril
256.5					
8					
<u>S</u>	2 1/8"	4.5#	N 80		Brd
STIBING(S)					
56 -					
PERF RE	CORD				
	COST ITEMS	TD 14500	PDTC/AP //9/0	Wasatch ares	: 12674 · 14439
LOC		PKR @	S.N.	EOT •	SITP O DSI.
RIG	1407	WORK PERFORMED			
MUD/ H ₂ C		RD power sn	iwo l		
TANKS	25			by. Circ. sand	AF PRD
CMTG	1000		POOH with tub	ing, hit, and so	rotor
H28		RIH with a	strieving head	on Boker 74	Retrievamatic
E LOGS		packer on		atch and rele	-
PEAF				RBP at 8989	
STIMULA	TION		acker of 73		to estab
SUPV		injection r			ress down
TRANS	300	tubing to		Bled to 1800 A	si in 10 min.
CSG		Press down	2000 151.	2000 Asi. Held	10.K. 5 min
TBG		RIH and a	aught and re	lease RBP at	8985
8 TOOLS		Rev. circ c	, 7	rease Not at	0703
D H TOOL	s ROO		rasing fram	surface to	ian a ligin'
D H EQUI	P	to 2000 psi	, _ √	700 psi in 10	min.
DH LIFT		SIFN.			
PMPG U					
6 EQUIP					
TREE / BC)P			-	
CHEM					
)THER					
ICIAL	3332				
101	4 4 4 4 4	·····	-	TOUFERVIEUR) <i>I</i>

	NO.	P
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WELL			RKOVER / COMP	EIELD		GE OF
SEC.	Har	tman 1-3/A3	AGE G	COUNTY	amont	STATE
AFE NO	3/	7/5 PZL W	R3W	Duches GROS	S AFE	Utah
#OB DI	SCRIPTION				LEMENT 1	
-	Repair	casing and ac	ridiza	TOTA	L GROSS AFE	
	0172					
	SIZE	WT.	GRADE	. Di	EPTH	THREAD
2	7"	26 =	S' 95	1206		
STRING	5"	18 #	P 110	11835	14497 14,	<i>idril</i>
983						
<u> </u>	2 %"	6.5*	N-80			
STHING(S)						
- 1						
1BG						
PERF I	RECORD					
	COST ITEMS	14500	CIBP e //	910 Wasuto	h aross: 1267	4-14439
roc		PKR 🏚	B.N. ●	EOT @	SITP) AS!
RIG	1420	WORK PERFORMED				
MUD/H	i'o	POOH with 2	1/2" tubing ,	Baker 7" Ret	rievamatic I	Bocker
TANKS			G' RBP.			
CMTG			t" bit on 3	205' 23" N-	80 Nulsa sa	ecial
H25			ubing and r			
E. LOG	5		ains of 7"			
PERF		T.O.L. at	U832 (TO	4	\	wer
STIMUL	ATION		stripping 1			,
8UPV		4 4 4 4			a de a	and
TRANS		drilled on	cem. ret.	hr. Fell		ard
CSG	200	and torque		tadly. Los	t circ. Bi	t plugged
TBG		off RD	bower swiva	/ •		
S TOOL	5	SIFN			<u> </u>	
DHTOX	360_		· · · · · · · · · · · · · · · · · · ·			
D H EQ	JIP. 50					
DHLIF	т					
PMPG U						
8 EQUI						
TREE / E		•				·
CHEM	100					
	•••					
OTHER	325					
T87.**				······································		
TOTAL	2455			·····		

Hartman 1-31A3 Duchesne County, Utah Section 31 - T1S - R3W

7-23-86: Pumped 38 BO & 362 BW in 24 hrs on REDA submersible

7-24-86: Pumped 32 BO & 430 BW in 24 hrs on REDA submersible

7-25-86: Pumped 32 BO & 400 BW in 24 hrs on REDA submersible

7-26-86: Pumped 43 80 & 400 BW in 24 hrs on REDA submersible

7-27-86: Pumped 44 BO & 423 BW in 24 hrs on REDA submersible

7-28-86: Pumped 27 BO & 629 BW in 24 hrs on REDA submersible

7-29-86: Pumped 11 BO & 413 BW in 24 hrs on REDA submersible

7-30-86: Pumped 32 BO & 449 BW in 24 hrs on REDA submersible

7-31-86: Pumped 43 BO & 448 BW in 24 hrs on REDA submersible

8-1-86: Pumped 32 BO & 390 BW in 24 hrs on REDA submersible

8-2-86: Pumped 31 BO & 435 BW in 24 hrs on REDA submersible

8-3-86: Pumped 43 BO & 444 BW in 24 hrs on REDA submersible

8-4-86: Pumped 27 BO & 367 BW in 24 hrs on REDA submersible

8-5-86: Pumped 38 BO & 436 BW in 24 hrs on REDA submersible

8-6-86: Pumped 33 BO & 441 BW in 24 hrs on REDA submersible

8-7-86: Pumped 33 BO & 441 BW in 24 hrs on REDA submersible

8-8-86: Pumped 33 BO & 454 BW in 24 hrs on REDA submersible

8-9-86: Pumped 32 BO & 451 BW in 24 hrs on REDA submersible

8-10-86: Pumped 35 BO & 444 BW in 24 hrs on REDA submersible

8-11-86: Pumped 31 BO & 450 BW in 24 hrs on REDA submersible

Hartman 1-31A3 Duchesne County, Utah Section 31 - T1S - R3W

8-12-86: Pumped 33 BO & 419 BW in 24 hrs on REDA submersible

8-13-86: Pumped 54 BO - 427 BW in 24 hrs on REDA submersible.

8-14-86: Pumped 40 BO - 470 BW in 24 hrs on REDA submersible.

8-15-86: Pumped 36 BO - 415 BW in 24 hrs on REDA submersible

8-16-86: Pumped 28 BO - 477 BW in 24 hrs on REDA submersible

8-17-86: Pumped 41 BO - 468 BW in 24 hrs on REDA submersible

8-18-86: Pumped 19 BO - 451 BW in 24 hrs on REDA submersible

8-19-86: Pumped 32 BO - 479 BW in 24 hrs on REDA submersible

8-20-86: Pumped 22 BO - 435 BW in 24 hrs on REDA submersible

8-21-86: Pumped 27 BO - 461 BW in 24 hrs on REDA submersible

DATE	4/10/86	DAILY WOR	KOVER / COMPLE	TION REPORT	PAGE OF
WELL N	AME & NO.	tman 1-31A.	3	FIELD Altamoni	<i>‡</i>
SEC.	31	tman 1-3/A.	3 N/	COUNTY DUCHES NE	STATE Utah
				SUPPLEMENT 1	
	CRIPTION Repair	casing leak		TOTAL GROSS AFE	
	SIZE	wt.	GRADE	DEPTH	THREAD
ပ္ခ	7 "	26 **	5.95	12,060	
E .	5 "	18 #	P-110	11835 - 14497	Hydril
CSG STRING					
8					
ŝ)	2 76"	4.5#	N-80	11,600	8 rd.
STRING(S)					
TBG.					
PERF R	ECORP ILLE	TD 14500	C 56 000011		
	COST ITEMS	7-7-3-0-0	PDTD 14478	PERFS/FMT	
roc		PKR • 11785	8.N. 0 11600	EQT 🏚	SITP 50 psi
RiG	1460	WORK PERFORMED			·
MUD/ H ₂	0	MIRU pulling	a unit. ND	wellhead NU	BOP's
TANKS		POOH with	240 ints. 2	Wellhood NU	ubina
CMTG		SIFN.			<i>J</i>
H25					
E. LOGS					
PERF					
STIMULA	ATION				
SUPV	···				
TRANS	470				
CSG	470				
TBG					
S TOOLS	722			Maria de la compansa	
DHTOO	320		<u></u>		
O H EQU	IIP				
DHLIFT					· · · · · · · · · · · · · · · · · · ·
PMPG U					, , , , , , , , , , , , , , , , , , ,
8 EQUIP	· · · · · · · · · · · · · · · · · · ·				
TREE / B	A-	+			
CHEM	320				•
OTHER	450				
TOTAL	· · · · · · · · · · · · · · · · · · ·				
TOTAL	3420	PIG .		SUPERVISOR	

NO.,

WELL NAM	6/11/86 Eano. 1		KOVER / COMPLET		PAGE OF
SEC.	Har	tman 1-31A	- 1.	Altamont	STATE ///
AFE NO.	31	PZL W.L	3 W	COUNTY Duchesne	STATEUtoh
				SUPPLEMENT 1	
JOB DESC!	Repai	r Casing Leak		TOTAL GROSS AFE	
	·				
	SIZE	WT.	GRADE	DEPTH	THREAD
2	7"	26 ±	S 95	12.040	
E L	5"	18#	P 110	11835-14497	Hydril
CSG STRING					
STRING(S)	2 1/8"	6.5#	N-80	11600	8 rd.
	, ,				
1BG					
PERF REC	Wa:		673 - 14439		
	COST ITEMS	14500	PDTD 14478	PERFS/FMT	1000 0000
LOC		PKR • 1/785	5.N.e //600	EOT	SITPO SICP 50 ps
AIG	1400	WORK PERFORMED			
MUD/H,O		POOH with	remaining 1	38 ints 21/8" N	1-80 · Brd
TANKS	25	the and le	aid down sub	mersible pump	equipment.
CMTG		Found mote	r burnt and	d pump stiff	·
H29	· · · · · · · · · · · · · · · · · · ·	ND spherica			
E. LOGS		Tally in hole	z with packe	r plucker, mill	shoe and
PERF		junk basket	on 378 j	nts 2 1/8" tha	· · · · · · · · · · · · · · · · · · ·
STIMULATI	ON	SIFN.	•		
SUPV					
TRANS	655				
CSG					
TBG					
8 TOOLS	· · · · · · · · · · · · · · · · · · ·				
D H TOOLS					
D H EQUIP					
D H LIFT					
PMPQ U			· ·		
8 EQUIP					
TREE / BOF	120				
CHEM					
OTHER	1062				
TOTAL	3242				

NO.

ATE	BNO // J		KOVER / COMPLET	FIELD Altamon	PAGE OF _
EC.	Hartma	TWP IRC	DE O	COUNTY ,	STATE Utah
E NO.	31	/ S PZL. W.I.	3 W	COUNTY DUCHASINA GROSS AFE	Gran
DEBCR	HIPTION D	- C	- 1-	SUPPLEMENT 1	
	Карс	air Casing Les	<u>ak</u>	TOTAL GROSS AFE	
	SIZE	WT.	GRADE	DEPTH	THREAD
					1111.2.12
	<u> </u>	26 # 18 #	\$ 95	/2060	11 1 1
;		18 -	P //Q	11835- 14497	Hydril
-	2 7/8"	6.5#	41 44		0 /
	Z /8	6.5	N-80		8 rd
,					
-	· · · · · · · · · · · · · · · · · · ·				
RF RECO	ORD				
	COST ITEMS	TD 4 d m -	PDTD 14470	PERFS/FMT	<u> </u>
<u></u>	COST TEMB	PKR 9 11-05	8.N.e	EOT @	SICP 50 p
G		WORK PERFORMED			50 ρ.
ло/ н _и ф	1590				
NK8		Tally in ho	le with 5 in	t. 2 % N-80	Nuloc tubir
ITG	25	Tag 7" Mdl.	D packer at	11785. RU po	wer swivel
8				in. Fell thru.	
LOGS				ter while drilling	
RF		RD power s	wivel POOL	4 with 383 j	ints tubing
MULATIO	Ohi	and tools.	Laid down I	Mdl. D' packer	complete.
PV	₽ N		0 into 2 1/8"	tubing.	
ANB		SIFN		· · · · · · · · · · · · · · · · · · ·	
G	240				
3					
100LS	344			· · · · · · · · · · · · · · · · · · ·	
(EQUIP	1600				
	·				
LUFT					
PĠ U					
QUIP					
EE / BOP	120				
IEM					
HER					
TAL	3919	1			

NC	1.	
_	•	

VELL NA	LAMES NO. Hartman 1-31 A3			FIELD Altament			
EC.	31	TWP / 5	RGE 3 W	Duches	ne	STATE Utah	
E NO.	<u> </u>	PZL. W	1.1.	GR085 A	\FE		
B DE8C	RIPTION			SUPPLE	MENT :		
				TOTAL 9	ROSS AFE		
	SIZE	WT. GRADE		DEPTH		THREAD	
/ n	7"	26 #	5 95	12060			
	5"	18 #	P 110	11835		Hudril	
,							
	2 7/8"	6.5#	N-80			8 rd	
RF RE	COAD						
	COST ITEMS	ТО	POTO	PERFS/FMT			
Ċ		PKR @	8.N. @	EOT @		ŞITP	
ì	1515	WORK PERFORMED					
D, H,O		POOH with	kill string.				
NKS	25	RIH with	7" RBP and R	TTS okr	on 2	18" tubina.	
ŤĠ		Tag TOL a	+ 11835. PU	and set	RBP	at 11815:	
S		Set packer	at 11785 ar			1500 ps/. 0.	
.OG8		POOH with 118 into 2%" tubing Set packer					
RF		at 8028:					
MULAT	TION		down tubing	to 1500 0	si Ble	d to 900 ps	
PV		Press test down tubing to 1500 psi. Bled to 900 ps					
ANS	240	Press test	down annuly	c to 1500	05% 6	sled to 1050	
in 5 min. 240 Press test down annulus to 1500 psi. Bled to 1050 in 5 min. Release packer.							
a		RIH to 11815. Catch and release RBP.					
rools	35	POOH with 65 ints. 2 1/8" that					
H TOOL		SIFN.					
H EQUII							
4 LIFT							
IPG U							
EQUIP							
EE / BO	120						
HEM	•	į					
EM							

DATE _	6/14/86		ORKOVER / COMPL			PAGE OF		
WELL NAM	Hartm	an 1-3/A3		FIELD Alta	mont_			
SEC.	.3/	1 / 3	RGE 3 W	COUNTY DUCKES!	e	STATE Utah		
AFE NO.		PZL.	W.I.					
JOB DESC	RIPTION Repai	r casing leak		SUPPLEME	INT 1			
					TOTAL GROSS AFE			
	SIZE	WT.	GRADE	DEPT	н	THREAD		
(5)	7"	26#	5 95	12060				
STRING	5"	13#	P 110	11835-14	497	Hydril		
G ST		:						
8 -								
8	2 7/8"	6.54	N-80			8 rd.		
STRING(S)	2 '8	- J. J	7,00			<u> </u>		
ETS								
28					7.7.77			
PERF REC	CORD	1			<u> </u>			
	COST ITEMS	TD . desage	POTO MATO	PERFS/FMT	4.1	. 12/74 14430		
LOC	OST TIEMO	14500 PKR &	PDTD 14478 S.N.●	EOT •	ten gros	s 12674 14439 ++ SICP 50 PSI.		
NORK PERFORMED					50 ps/.			
MUD/H _I Ó	1380	- 1			7 11			
TANKS			POOH with remaining 313 into 2 %" tog. RBP and					
	25	RTTS pkr		<i></i>				
Tally in hole with 4 " bit, 5" casing scre					raper			
H25		105 into 2% N-80 Nulue tubing and remains						
LOGS		278" N-80 Brd tubing. Tagged fill at 14359						
PERF		No restric	tions thru pe	rts.				
BTIMULAT	ION	POOH W/	84 into 2 1/8" 1	^L bg	·			
SUPV		SIFN.			,	····		
TRANS	240							
CSG				····				
TBG								
S TOOLS		6/15/86	6/15/86 SI for Sunday.					
D H TOOL	690							
D H EQUIP								
DHLIFT								
PMPG U								
8 EQUIP								
TREE / BO	100							
CHEM	700							
OTHER								
TOTAL	2120							
TOT	2435	RIG Tamples		SUPERVISOR	Lankto	ml		
	16602	1 cmpies		1 27	<u></u>	· <u>- 7</u>		

DATE		BG DAIL	RAUVER / COMP		PAGE OF
WELL NAM	EANO. Hartma	2n 1-31 A3		FIELD Altam	ont
SEC.	3/	TVP T15	RA W	Sucha Sna	STATEUtah
AFE NO.		PZL. W.	1.	GROSS AFE	
JOB DESCR	HIPTION PROGRE	casing look		SUPPLEMENT 1	
	<u> </u>	caring war		TOTAL GROSS A	FE
	SIZE	WT.	GRADE	DEPTH	THREAD
	• · · · · · · · · · · · · · · · · · · ·	24#			
STRING	5"	18 #	5 95	/2060	11 1 1
<u>r</u>		10	P 110	11835 - 1449	7 Hydril
8 —					
-					
STRING(S)					
HE -					
TBG. 8					
PERF RECA	ORD				
	COST ITEMS	14500	POTO 14478	Wasatch	gross: 12674 - 14439
LOC		РКЯ 🕳	8.N. ⊕	EOT @	gross: 12674 - 14439
RIG	1440	WORK PERFORMED			
C,H IQUM		POOH with	remaining 2	" tubing 4	aid down bit
TANKS	2.5	and scrape	_		
CMTG		Tally in hole	with 5"	PBP, ret head	4 into 2 2"
H28		tubing an	nd T" RTTS	on 21/8" +	uhina.
1.0G8	· · · · · · · · · · · · · · · · · · ·	Sat C" RRA	at 11905	Pull up and	sat 7" packer
PERF	***************************************	at 11742		35). Press.	
STIMULATIO)N		-	475 in 10 n	
ŜUPV		51 FN.	DIEG 10 1	72.3 17) 7977	1///
TRANS					
CSG				u	
TBG					
S TOOLS					
D H TOOLS					
D H EQUIP	1820				
OHLIFT					
PMPG U				<u> </u>	
5 EQUIP				·	
TREE / BOP	130				
CHEM	<u> </u>				
OTHER					
JATC	3415			1	
TOT	20017	Temples		SUPERVISOR DR Len	khord



HECENTERS

PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

AUG 4 1987

DIVISION OF OIL GAS & MINING

July 30, 1987

Utah Natural Resources
Division of Oil, Gas, & Mining
Attn: Tammy Searing
355 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson Onshore Accounting

mh/dcw

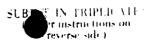
355 West North Temple. 3 Triad Center, Suite 350, Salt Lake City, Ut 84180 1203. ● (801-538-5340)

Page 8 of 12

MONTHLY OIL AND GAS PRODUCTION REPORT

PENNZUTE EXPLOR € PROPERTY PO BOX 2967,25TH FL. HOUSTON TX ATTN: WHEBURN LUNA	77252 Martin	2967		Utah Account No. — Report Period (Mon Amended Report	nth/Year) 6 / 8
tell Name	Producing	Days Proper O	roduction Volume	Gas (MSCF)	Water (BBL)
PI Number Entity Location TE TRIBAL 1-6B3 301330136 05705 02S 03W 6	Zone WSTC	30	930	680	5693
AN ITMOTHA N 1-10RI	GRRV	8	51	289	243
301330287 05710 028 01W 10 TE TRIBAL 9-4B1 301330194 05715 028 01W 4	GRRV	1	248	1384	8
RENNION U 1-25A4	VICTO	0	マ	-0	0
301330060 05720 01S 04W 25 HARTMAN U 1-31A3	WSTC	30	561	321	/3867
301330093 05725 01S 03W 31 TE TRIBAL 7-24A3 301330203 05730 01S 03W 24	WSTC	28	2879	4167	10793
TE TRIBAL U 2-12A3 301330042 05735 018 03W 12	WSTC	29	347	149	-0_
BOREN U 1-24A2 301330084 05740 015 02W 24	WSTC	23	1898	6543	3083
AMICQ-URTY U 3-1742 301330099 05745 018 02W 17	WSTC	30	5692	4301	6349
BOREN U 6-16A2 301330123 05750 018 02W 16	WSTC	30	8461	9580	14906
BOREN U 3-15A2 +301330086 05755 015 02W 15	GR-WS	30	9/11.	8388	14058
VIRGIL B MECHAM U 1 4301330009 05760 018 02W 11	GRRV	0	-		-
ST UNIT 2-35A2 4301330156 05765 018 02W 35	WSTC	27	3382	5870	12038
		TOTAL	32560	41672	81030
Comments (attach separate sheet if nec	essary) —				
•					
have reviewed this report and certify th	e informati	ion to be	accurate and complet	Telephone 115	1989 546-8104

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS, AND MINING



DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION IND SERIAL NO. FEE POW-WSTC
SUNDRY NOTICES AND REPORTS OF WELLS (Do not use this form for proposals to drill or to deepen or plug bath to additional reservoir.) Use "APPLICATION FOR PERMIT—" for such proposals.	02043S
ort Wall Corners FEB 0 2 1988	BMAN THEMBERDA TIKU
2. NAME OF OPERATOR DIVISION OF	8. FARM OR LEASE NAME
Lennzoil Company BI GAS & MINING	B. Hartman mit
P.O. BOX 290 NEOLA Utah 84053 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	1-31A3
See also space 17 below.) At surface	Altamont - Wasatch 11. BEC. T. B. J. W., OB BLE. AND ARTHURY OF ARRA
1019 FNL + 1024 FEL (NE/14 NE1/4)	Sec 31, TIS, R3W
16. PERMIT NO. 15. SLEVATIONS (Show whether OF, NT, CR. etc.)	US BA-M 12. COUNTY OR PARISM 18. STATE
10 403-7001	Ouchesne Utah
Check Appropriate Box To Indicate Nature of Notice, Report, or Ot	
NOTICE OF INTERFIOR TO:	HT ASPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF PRACTURE TREAT MULTIPLE COMPLETE PRACTURE TREATMENT SHOOT OR ACIDIZE ASANDON® SHOUTING OR ACIDISING	ALTERING CABING ABANDONMENT*
(Other) (Other) (Other) (Other)	f multiple completion on Well tion Report and Log form.)
17. DESCRIPE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, I	ncluding estimated date of starting any denths for all markers and zones perti-
nent to this work.).	from 10-22-87
The surject was per	formed.
proposed work. If well is directionally drilled give subsurface locations and measured and trito vertices. The Subject well was worked over through 1-7-88. The following work was per	
- Pan hit and 5" (sq scraper to 14,309"	
- Isolated Csg leaks between 7741 to 1804	and
vetween 8050' to 8112'.	
- Squeezed leaks between 8050' to 8112' w class "H" Cmt. Final squeeze pressure - Squeezed leaks between 7741' to 7804' class "H" cmt. Final squeeze pressure -	WITH 1005X
- Acidored Well with 5000 gal. 15% HCL Perfs 12673' to 14439')	acid. (Gross
- Returned well to production 1-7-88.	
18. I hereby certify that the foregoing is true and correct	1/27/00
SIGNED Let Magt TITLE Petroleum Engineer	DATE// & // & &
(This space for Federal or State office use)	
APPROVED BY	DATE

N. S. S. S. S. S.		-J	1	
JUN	13	198	-49	

DEPARTMENT OF N		SES JUN 131	1988	•	
	, GAS, AND MININ	G ບານເວ່ນທີ	OF	E DESIGNATION /	
SUNDRY NOTICES AND (Do not use this form for proposals to drill or Use "APPLICATION FOR PE			11/11/1/13 er 12 11	(DIAN, ALLOTTER	OR TRIBE NAME
1. OIL C UAS C			7. UNIT	AGREEMENT NAME	(3
WELL WELL OTHER 2. NAME OF OFERATOR				OR LEASE NAM	
Pennzoil Company	Utah Acct. # 1	N0705		e Attache	d List
P.O. Box 2967 Ho			9. WEL		
4. LOCATION OF WELL (Report location clearly and in a See also space 17 below.) At surface See Attached List		e requirements.*	11. sac	LICHET /A	ltamont
14. API NUMBER 15. MENTATO	NS (Show whether DF, AT, C	is, etc.)	Duch Uint	esne &	Utah
16. Check Appropriate Bo	ox To Indicate Natur	e of Notice, Report			
NOTICE OF INTENTION TO:		4	NEE THEODORAGUE	RT OF:	
PULL OR ALTER PRACTURE TREAT SHOOT OR ACIDIZE BEPAIR WELL (Other) Operator Name Change	PLETE	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZIN (Other) (Note: Report Completion or R		REPAIRING W ALTERING CA ABANDONMEN ple completion of the completi	z. Mell
Change of operator name Production Company, effe See Attached List of wel	ective June 1,		OIL AND DRN JRB DTS		3 .
			7A5 0) - MICRO 3- 8-FI	OFILM /	
18. I hereby certify that the foregoing is true and cor SIGNED way an funger	TITLE Wester	n Div. Product	tion Mgr. _r	ATE _6-	9-88
(This space for Federal or State office use)					
APPROVED BY	TITLE		r	ATE	Annual Control Control

22

SUNDRY NOTICE OF NAME HANGE

ENTITY	LEASE NAME	LEGAL	API	REMARKS
NUMBER		DESC.	#	
5470	ROBERTSON UTE 1-2B2	2S 2W 2	4301330225	WSTC/GRRV
5472	ROBERTSON UTE 2-2B2	2S 2W 2	4301330921	
>5475	ROBERTSON UTE ST 1-12B1	2S 1W 12	4304730164	
√ 5480	SALERATUS WASH 1-7C5	3S 5W 7	4301330098	
> 5485	SHRINE HOSPITAL 1-10C5	3S 5W 10	4301330393	WITC
>5490	ALBERT SMITH 1-8C5	3S 5W 8	4301330245	
₹ 5495	ALBERT SMITH 2-8C5	3S 5W 8	4301330543	
√5500	SMITH BROADHEAD 1-9C5	3S 5W 9	4301330316	
>5505	DAVID SMITH UTE 1-6C5	3S 5W 6	4301330163	
>5510	JOSEPH SMITH 1-17C5	3S 5W 17	4301330188	WSTC
>5515	SMITH UTE 1-18C5	3S 5W 18	4301330142	WSTC V
5520	ST LANDBOARD 1-35Al	1S 1W 35	4304730182	-
> 5525	MAUREL TAYLOR 1-36A2	1S 2W 36	4301330143	
₹ 5530	TODD USA ST 1-2B1	2S 1W 2	4304730167	
√5535	TOMLINSON 1-25A2	2S 2W 25	4301330120	
5540	UINTAH OURAY 1-1A3	1S 3W 1	4301330132	
> 5545	URRUTY 1-34A2	1S 2W 34	4301330149	
> 5550	UTAH ST FEDERAL 1-24B1	2S 1W 24	4304730220	
>5555	UT ST LANDBOARD 1-11B1	2S 1W 11	4304730171	
S560	UTE 1-2A3	1S 3W 2	4301330409	
5565	UTE 1-2C5	3S 5W 2	4301330392	
5575	UTE 1-4A3	1S 3W 4	4301330306	
> 5580	UTE 1-5C5	3S 5W 5	4301330260	·
5585	UTE 1-10A3	1S 3W 10	4301330319	
5590	UTE 1-20Z2	1N 2W 20	4301330378	
₹ 5605	UTE TRIBAL 1-13B3	2S 3W 13	4301330251	
>5610	UTE 1-21Z2	IN 2W 21	4301330148	
5620	UTE COUNTY 1-20C4	3S 4W 20	4301330170	
5645	JOSEPHINE VODA 1-19C5	3S 5W 19	4301330382	
5650	JOSEPHINE VODA 2-19C5	3S 5W 19	4301330553	WSTCV
5655	VODA UTE 1-4C5	3S 5W 4	4301330283	
>5665	WOODWARD FED 1-21A2	1S 2W 21	4301330130	
5666	DILLMAN 2-28A2	IS 2W 28	4301330821	
5675	CR AMES 1-23A4	1S 4W 23	4301330375	_
5680	FEDERAL 1-28	5S 19E 28	4304730175	
5685	FEDERAL 1-27	5S 19E 27	4304730181	WSTC
5695	STATE 1-7B1E	2S 1E 7	4304730180	
5700	UTE TRIBAL 6-7B3	2S 3W 7	4301330211	
5705	UTE 1-6B3	2S 3W 6	4301330136	11000
5710	L. TIMOTHY 1-10B1	2S 1W 10	4301330287	WSTC
5715	UTE TRIBAL 9-4B1	2S 1W 4	4301330194	WSTC
5720	BENNION 1-25A4	1S 4W 25	4301330060	
5725	HARTMAN 1-31A3	1S 3W 31	4301330093	
5730	UTE TRIBAL 7-24A3	1S 3W 24	4301330203	GREU V
5735 ₹5740	UTE 2-12A3 L. BOREN 1-24A2	1S 3W 12	4301330042	6 PEU
5745	LAMICQ URRUTY 3-17A2	1S 2W 24 1S 2W 17	4301330084	
5750	L. BOREN 6-16A2	15 2M 17 1S 2W 16	4301330099	
5755	L. BOREN 3-15A2	15 2M 16 15 2W 15	4301330123	
`5760		15 2M 15 1S 2M 11	4301330086	
5765	VIRGIL MECHAM 1-11A2 STATE 2-35A2	15 2M 11 1S 2M 35	4301330009 4301330156	
5770	HARMSTON 1-32A1	15 2M 35 1S 1W 32		WSTCL
5775	BLANCHARD 2-3A2	15 1M 32 1S 2W 3	4301330008	w
9119	DEMINDIARD C-SAL	10 CM 3	4201220000	

E OF UTAH

SUBMISH	N	rriplac	ATE:
(Ot	110	tructions acside)	

D	EPARTMENT OF NATU DIVISION OF OIL, GAS			S. LEASE DESIGNATION	N AND BERIAL NO.
	NOTICES AND RE			6. IF INDIAN, ALLOTT	SE OR TRIBE NAME
OIL X JAS THE TOTAL THE TO	OTERS			7. UNIT AGREEMENT P	EMA
2. NAME OF OPERATOR	OTRES.			8. PARM OR LBASE NA	MB
Pennzoil Exp	ploration and Produ	ction Co	mpany	Hartman	
3. ADDRESS OF OPERATOR		MIE	A)EIIIVIEIII	9. WELL NO.	
	, ,	252		1-31A3	OR WILDCAT
See also space 17 below.) At surface	location clearly and in accords		UL 28 1989	Bluebell	
2. 1011094		ل هاهد	UL 28 1303	11. asc., 7., 8., M., OB	BLE. AND
			DIVISION OF	SUBVET OR ASS	.▲
		Oll	. GAS & MINING	Sec. 31, T1S	
14. PERMIT NO.	18. BLBYATIONS (B)	rom mperpet of	. RT. GR. etc.)	12. COUNTY OR PARIS	.
43-013-30093	6286	KB		Duchesne	Utah
16. C	heck Appropriate Box To	Indicate N	lature of Notice, Report, or (Other Data	
	OF INTENTION TO:			UBNT ABPORT OF:	
	_	,	WATER SHUT-OFF	REPAIRING	WOLL
TEST WATER SHUT-OFF	PULL OR ALTER CASIN	" 	PRACTURE TREATMENT	ALTERING (CASING
SHOOT OR ACIDIES	_		SMOUTING OR ACIDIZING	ABANDONME	ENT*
REPAIR WELL	CHANGE PLANS		(Other)	s of multiple completion	- Well
(Other)			(Norg: Report result Completion or Recomp t details, and give pertinent dates	section Report and Pol to	irm.)
	39'. Casing damage		ce or eliminate. Stin uring well work will b		
				e e e e e e e e e e e e e e e e e e e	
				en de la companya de La companya de la co	
				Court of the Court	
				***	•
				page of the second	January J. C. Carlos Na.
				e de la companya del companya de la	in die de la company de la La company de la company d
				No.	
				· · · · · · · · · · · · · · · · · · ·	
18. I hereby certify that the f	oregoine is true and correct	Ç,	pervising Engineer	DATE <u>7-11-</u>	- 89
SIGNED AM	/wc S	TITLE	beratering mignicer	DATE	
(This space for Federal or	State office use)		APPROVED B	Y THE STATE	
APPROVED BY	VAL, IF ANY:	TITLE	OIL GAG A	IVISION OF ND MINING	
See attachment.	_		DATE: 18-2-8	19 MINING	· ·

UTAH DIVISION OF OIL, GAS AND MINING CONDITIONS OF APPROVAL FOR WELL WORKOVER

Pennzoil Exploration and Production Company Hartman #1-31A3 Well Section 31, T. 1S, R. 3W Duchesne County, Utah August 2, 1989

Reference document:

Sundry notice dated July 11, 1989, received by DOGM on July 28, 1989.

1. Upon completion of the workover, the operator shall sumbit a complete subsequent notice of the work performed including the details of remedial cementing work performed and intervals perforated.

0158/96

SUBMIT IN TRIPLICATE*

STATE OF UTAH PARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

		5. LEASE DESIGNATION AND SERIAL NO. FEE
1. OIL GAS OTHE	ER	6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
SUNDRY NOTICES AND REPO (Do not use this form for proposals to drill or to deeper Use "APPLICATION FOR PERMIT-"	or plug back to a different reservoir.	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR PENNZOIL EXPLORATION and PR	RODUCTION COMPANY	8. FARM OR LEASE NAME B. HARTMAN
3. ADDRESS OF OPERATOR P.O. BOX 290 NEOLA, 1	UTAH 84053	9. WELL NO. 1-31A3
4. LOCATION OF WELL (Report location clearly and in accord See also space 17 below.) At surface 1019' FNL & 1024' FEL (NE 1/4, NE 1/4)	ance with State requirements.	10. FIELD AND POOL, OR WILDCAT ALTAMONT - WASATCH 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 31, T1S, R3W
14. PERMIT NO. 15. ELEVATION (SE	HOW WHETHER DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
43-013-30093-00 6,286 KB		DUCHESNE UTAH
TEST WATER SHUT-OFF > PULL OR ALTER CASH FRACTURE TREAT > MULTIPLE COMPLET. SHOOT OR ACIDIZE > X ABANDON*> REPAIR WELL > CHANGE PLANS> (OTHER): (Note: Report results of multiple completion on Well Completion To Describe proposed or completed operations (Clearly state proposed work. If well is directionally drilled, give sepertinent to this work)*	FRACTURE TREATM SHOOTING OR ACDE (OTHER) on or Recompletion Report and Log form) all pertinent details, and give pertinent date	ABANDONMENT > as., including estimated date of starting any
PENNZOIL PLANS TO PLUG BACK E THE NEW PERFORATIONS WILL BE ANY CASING DAMAGE FOUND DUR	ACIDIZED WITH 15% HCl.	PAIRED WITH REMEDIAL CEMENTING
OF U	VED BY THE STATE TAH DIVISION OF SAS, AND MINING	DIVISION OF
18. I hereby certify that the foregoing is true and correct. SIGNED: NOEL W. PUTSCHER	TITLE: PETROLEUM ENGINEER	OIL GAS & MINING 8/6/93 DATE: 04/16/03
APPROVED BY: CONDITION OF APPROVAL IF ANY:	ice use)	DATE:

STATE OF UTAH DIVISION OF OIL, GAS AND MINING WORKOVER AND COMPLETION FORM

COMPANY: PENNZOIL COMPANY COMPANY REP: GHERY SMITH (TOOLPUSHER)
WELL NAME: HARTMAN #1-31A3 API NO: 43-013- 30093
SECTION: 31 TWP: 1S RANGE: 3W
CONTRACTOR: SMITH WELL SERVICE RIG NUMBER: #1
INSPECTOR: DENNIS INGRAM TIME: 2:15 P.M. AM/PM DATE: 8/11/93
OPERATIONS AT THE TIME OF INSPECTION: ARE RIGGING UP TO DO RECOMPLETION
WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: SOW
H2S: N/A ENVIRONMENTAL: OK PIT: N BOPE: N
DISPOSITION OF FLUIDS USED: FLAT TANK ON LOCATION.
DOES THIS WORKOVER QUALIFY FOR STATE TAX CREDITS: (Y/N) YES
PERFORATED: Y STIMULATED: SAND CONTROL:
WATER SHUT OFF: WELLBORE CLEANOUT: WELL DEEPENED:
CASING OR LINER REPAIR: ENHANCED RECOVERY: THIEF ZONE:
CHANGE OF LIFT SYSTEM: TUBING CHANGE: OTHER CEMENT SQUEEZE:
SURFACE EQUIPMENT CHANGES OR ASSOCIATED COSTS DO NOT QUALIFY FOR CREDITS.
REMARKS:
WELL WAS OLD SHUT-IN.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING WORKOVER AND COMPLETION FORM

COMPANY: PENNZOIL EXPLOR & PROD COMPANY REP: HAROLD
WELL NAME: HARTMAN 1-31A3 API NO: 43-013-30093
SECTION: 31 TWP: 01S RANGE: 03W
CONTRACTOR: BASIN WELL SERVICE RIG NUMBER:
INSPECTOR: DENNIS INGRAM TIME: 10:45 AM AM/PM DATE: 5/27/94
OPERATIONS AT THE TIME OF INSPECTION: POOH WITH RENTAL PACKER
WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: SOW
H2S: NO ENVIRONMENTAL: OK PIT: NO BOPE: NO
DISPOSITION OF FLUIDS USED: FLAT TANK & TRUCK
PERFORATED: SAND CONTROL:
WATER SHUT OFF: WELLBORE CLEANOUT: WELL DEEPENED:
CASING OR LINER REPAIR: Y ENHANCED RECOVERY: THIEF ZONE:
CHANGE OF LIFT SYSTEM: Y TUBING CHANGE: OTHER CEMENT SQUEEZE:
REMARKS:
WILL RUN STANDING VALVE LATER TODAY TO TEST CASING. HAVE PLANS OF
PUTTING WELL BACK ON PRODUCTION HAS BEEN SHUTIN. WILL HAVE PUMPING
UNIT INSTALLED. FLOWLINE HAS TO BE BUILT NEXT WEEK.

STAT F UTAH DEPARTMENT OF TRATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

DIVISION OF OIL, GAS, AND MINI	NG Fee			
	7. Indian Allottee or Tribe Name			
SUNDRY NOTICES AND REPORTS ON WELL	S			
Do not use this form for proposals to drill new wells, deepen existing well, or to res	nter plugged and shandoned wells. 8. Unit or Communitization Agreement			
Use APPLICATION FOR PERMIT - for such proposes				
1. Type of Well	9. Well Name and Number			
X Oil Well Gas well Other (specify)	B. HARTMAN 1-31A3			
2. Name of Operator Pennzoil Exploration and Production Company	10. API Well Number 43-013-30093-00			
3. Address of Operator	4. Telephone 11. Field and Pool, or Wildcat			
P.O. Box 290 Neola, Utah 8 4 0 5 3	801-353-4397 ALTAMONT			
5. Location of Well				
Footage : 1019' FNL & 1024' FEL	county : Duchesne			
QQ, Sec, T., R., M. : Section 31, T1S, R3W	State : Utah			
12 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF	NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT	SUBSEQUENT REPORT			
(Submit in Duplicate)	(Submit Orginal Form Only)			
Abandonment New Construction	Abandonment * New Construction			
Casing Repair Pull or Alter Casing	Casing Repair Pull or Alter Casing			
Change of Plans Recompletion	Change of Plans X Shoot or Acidize			
Conversion to Injection Shoot or Acidize	Conversion to Injection Vent or Flare			
Fracture Treat Vent or Flare	Fracture Treat Water Shut-Off			
Multiple Completion Water Shut-Off	X Other Plug back Wasatch & perf L. Green River			
Other	Date of Work Completion 12-Aug-94			
	Report results of Multiple Completion and Recompletion to different reservoirs			
Approximate Date Work Will Start	on WELL COMPLETION OR RECOMPLETION AND LOG form			
	Must be accompanied by a cement verification report.			
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details,	· · ·			
location and measured and true vertical depths for all markers and zones pertinent to this work.)				
COMPLETED OPERATIONS				
ON ELLES OF ENTITIONS	BUINGER			
Started/Finished: 8/13/1993 thru 8/12/1994	E G E I V E			
8/13/93: Ran bit and scraper - cleaned hole to 12,552'				
8/16/93: Set 5" CIBP @ 12,487', dump bailed 5' cement.				
8/17/93: Tested casing to isolate leaks				
8/18/93: Set 7" CIBP @ 4500', set cement retainer @ 380	The second secon			
8/19/93: Squeezed casing leaks (3807' - 4404') with 250 s	x cement. OF OIL, GAS & MINITED			
8/20-23/93: Drilled out cement and retainer.	Compared to the second			
8/24/93: RIH with tubing strings				
8/25/93 - 4/20/94: Waiting on further analysis 4/21/94: Milled out 7" CIBP @ 4500'				
4/22-23/94: Drilled on remains of CIBP.				
4/26/94: Perforated Lower Green River (11,433' - 11,989') using 3 1/8" & 4" Power Pak guns.				
4/27/94: Hydrotested tubing				
4/28/94: Acidized LGR (11,433' - 11,989') with 5000 gals 15% HCL				
4/29/94 - 5/3/94: Swab testing well				
6/19/94: Well is put on rod pump				
8/12/94: Prepared well to pump under a packer				
4. I hereby certify that the foregoing is true and correct				
Name & Signature Cory DeSantis	Title Petroleum Engineer Date 17-Nov-94			
(State Use Only)				

6. Lease designation and Serial Number

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING ease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS JUL 3 1 1995 FEE Do not use this form for proposals to drill or deepen or reentry to a different reservoir. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals DIV. OF OIL, GAS & MININC SUBMIT IN TRIPLICATE 1. Type of Well X Oil Well Other 8. Well Name and No. 2. Name of Operator HARTMAN 1-31A3 Pennzoil Exploration and Production Company 9. API Well No. 3. Address and Telephone No. 43 013 30093 P.O. Box 290 84053 Neola, Utah (801)353-4397 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Altamont-Wasatch 11. County or Parish, State **NENE SEC. 31, T1S, R3W** Duchesne, UT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION X Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Casing repair Water Shut-off irinai Abandonnain hond Conversion to injection Arrening Casing Other Change of operator Dispose Water 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directically drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) Pennzoil plans to turn over operatorship of subject well to Coastal Oil and Gas Corp. effective August 1, 1995. **Operations Superintendent** Date 7/28/1995 (This space of Federal or State office use.) Approved by

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, licitious or fraudulent statements or representations as

Conditions of approval, if any:

to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

DIVISION OF OIL, O	AS, AND MINING	
SUNDRY NOTICES AND REPOR	5. Lease Designation and Serial No. FEE	
Do not use this form for proposals to drill or de Use "APPLICATION FOR PERMI"	6. If Indian, Allottee or Tribe Name	
SUBMIT IN TE	RIPLICATE	7. If unit or CA, Agreement Designation
1. Type of Well		
X Oil Well Gas well Other		8. Well Name and No.
2. Name of Operator	n.,	HARTMAN 1-31A3
Pennzoil Exploration and Production Compa 3. Address and Telephone No.	ny .	9. API Well No. 43 013 30093
	1053 _(801)353-4397	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Altamont-Wasatch
NENE SEC. 31, T1S, R3W		11. County or Parish, State Duchesne, UT
12 CHECK APPROPRIATE BOX(s) TO INDIC	ATE NATURE OF NOTICE, REPORT, OR OTHE	R DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
· · · · · · · · · · · · · · · · · · ·	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Change of operator	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent de drilled, give subsurface locations and measured and true vertical de Ammendment to Sundry dated 7/28/95 Pennzoil plans to turn over operatorship of s		
	AUG 11 1995 DIV. OF OIL, GAS & MININ	G
14. I hereby certify that the Miregoing by true and conference Signed Noel W. Putscher	ткы Sr. Petroleum Engineer	Date 8/8/1995

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, flotitious or fraudulent statements or representations as

to any matter within its jurisdiction.

Conditions of approval, if any:

Approved by

DIVISION OF OIL, GAS AND MINING

		5. Lease Designation and Serial Number:
SUNDRY NOTICES AND REPORTS O	N WELLS	6. If Indian, Allottee or Tribe Name: N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for suc		7. Unit Agreement Name: N/A
1. Type of Well: OIL $oxed{X}$ GAS $oxed{\Box}$ OTHER:		8. Well Name and Number: Hartman #1-31A3
2. Name of Operator: ANR Production Company		9. API Well Number: 43 - 013 - 30093
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573 – 4455	0. Field and Pool, or Wildcat: Altamont
4. Location of Well		
Footages:		County: Duchesne
QQ, Sec., T., R., M.: NENE Section 31—T1S—R3W		State: Utah
11. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA
NOTICE OF INTENT (Submit In Duplicate)	SUBSEQUE! (Submit Origin	
Abandon	Abandon * Repair Casing Change of Plans Convert to Injection Fracture Treat or Acidize X Other Change of Operator Date of work completion Report results of Multiple Completions and FCOMPLETION OR RECOMPLETION REPORT Must be accompanied by a cement verification	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give vertical depths for all markers and zones pertinent to this work.) Pennzoil Exploration & Production Company sold all of their is Production Company effective August 1, 1995.		of the subject well to ANR
13. Name & Signature: Speila Forence	Sheila Bremer Title: Environmental & Sa	afety Analyst Date: 11/02/95

This space for State use only)

Operator Change Horksheet				Routing:
Attach all documentation received by the divis Initial each listed item when completed. Writ				2-LWF 8-SJ 3-DPS 39-FILE
Change of Operator (well sold) □ Designation of Operator		tion of Agent r Name Change Only		5-RJF
The operator of the well(s) listed be	elow has changed	(EFFECTIVE DATE:	8-1-95)
TO (new operator) (address) ANR PRODUCTION COME PO BOX 749 DENVER CO 80201-07		(former operator) (address)	PENNZOIL COMPA PO BOX 2967 28 HOUSTON TX 77	TH FL
phone <u>(303)572-112</u> account no. <u>N</u> 0675	21		phone (713)5 account no. 1	
Well(s) (attach additional page if needed):	*CA¹S			
Name: B HARTMAN U 1-31A3 API: 43-0 Name: HANSON TRUST 2-5B3 API: 43-0 Name: DASTRUP 2-30A3 API: 43-0 Name: HARTMAN 2-31A3 API: 43-0 Name: HANSON TRUST 2-32A3 API: 43-0 Name: *UTE TRIBAL 10-13A4/GR API: 43-0 Name: *CR AMES 1-23A4/GR-WS API: 43-0 *EVANS-UTE 2-17-B3/GR API: 43-0	013-31079 Entity 013-31320 Entity 013-31243 Entity 013-31072 Entity 013-30301 Entity	: 1636 Sec 5 Tw : 11253 Sec 30 Tw : 11026 Sec 31 Tw : 1641 Sec 32 Tw	p <mark>2S</mark> Rng <mark>3W</mark> Leas p 1S Rng <u>3W</u> Leas	e Type:FEE e Type:FEE e Type:FEE
OPERATOR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or o operator (Attach to this form).	· (feeld 8-11-95)			·*
Lec 2. (Rule R615-8-10) Sundry or other (Attach to this form). (feed 11)	295)		• •	,
WA 3. The Department of Commerce has operating any wells in Utah. yes, show company file number:	been contacted Is company reg		- Court of the cou	
4. (For Indian and Federal Hells (attach Telephone Documentation comments section of this form changes should take place prior	. Management r	eview of Federal	and Indian we	ell operator
20 5. Changes have been entered in the listed above. (11-2-95)				or each well
Lef 6. Cardex file has been updated fo	or each well lis	ted above. (11-20-4	75)	
$\frac{V_{c}}{I}$. Well file labels have been upda	ited for each we	11 listed above.	(11-20-95)	
8. Changes have been included on for distribution to State Lands	and the Tax Co	mmission. (11 2 95)	
9. A folder has been set up for the placed there for reference duri	he Operator Cha ng routing and	nge file, and a c processing of the	copy of this pa original docum	ge has been ments.

OPERATOR	CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
N/A 2.	REVIEW (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form). State Lands and the Tax Commission have been notified through normal procedures of entity changes.
Lee 2. 1	RIFICATION (Fee wells only) (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. A copy of this form has been placed in the new and former operators' bond files. The former operator has requested a release of liability from their bond (yes/no) Today's date 1995. If yes, division response was made by letter dated 19
<i>4/∆</i> 1. (r r r	Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any berson with an interest in such lease of the change of operator. Documentation of such notification has been requested. Copies of documents have been sent to State Lands for changes involving State leases.
ILMING 1. A	Il attachments to this form have been microfilmed. Date: November 30 1995.
2. T	opies of all attachments to this form have been filed in each well file. he <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator hange file.
95/c	003 BIA aprv. C.A. wells 9-29-95.

WE71/34-35

	TATE (OF UTAH	
DIVISION	OIL,	GAS AND	MINING

<i>*</i>	
	5. Lease Designation and Serial Number: See Attached
SUNDRY NOTICES AND REPORTS O	See 7 ttached
Do not use this form for proposals to drill new wells, deepen existing wells, or to reente Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for su	r plugged and abandoned wells. 7. Unit Agreement Name: See Attached
Type of Well: OIL X GAS OTHER:	8. Well Name and Number: See Attached
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: See Attached
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	(303) 573 – 4455 10. Field and Pool, or Wildcat: See Attached
4. Location of Well Footages: See Attached	County: See Attached
QQ, Sec., T., R., M.: See Attached	State: Utah
11. CHECK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT, OR OTHER DATA
NOTICE OF INTENT (Submit In Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
provided by Coastal Oil & Gas Corporation under the following	uction Company relinquished and Coastal Oil & Gas Corporation coverage pursuant to 43 CFR 3104 for lease activities is being g bonds: State of Utah #102103, BLM Nationwide Bond stal Oil & Gas Corporation, as operator, agrees to be responsible.
Bonnie Carson, Sr. Environmental & Safety Analyst ANR Production Company	MAR _ 8 1996 VOFOIL, GAS & MINING
Name & Signature: Speila Bruner	Sheila Bremer Environmental & Safety Analyst Title: Coastal Oil & Gas Corporation Date: 03/07/96
his annual for Ot Assess	

			If Indian,		LOCATION	OF WELL		<u> </u>
		Lease Designation	Allottee or			Section, Township		
Well Name & No.	API No.	& Serial Number	Tribe Name	CA No.	Footages	& Range	Field	County
Brotherson 1-33A4	43-013-30272	Patented 680	N/A	N/A	900 FNL 9 660 FFL	NENE 22 40 4M	A (1	
Brotherson 2-10B4	43-013-30443	Patented 1080	N/A N/A	N/A N/A	820' FNL & 660' FEL 1241' FSL & 1364' FWL	NENE, 33-1S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815		N/A	N/A	2557' FSL & 1642' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-30013		N/A N/A	N/A N/A		NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31103	Fee 1771 Fee 1782	N/A N/A	N/A N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-2B5	43-013-31000	Fee //3/2	N/A N/A	N/A N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
Christensen 2-29A4	43-013-31302		N/A N/A	N/A N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Crook 1-6B4	43-013-31303	Fee //235 Patented /825	N/A N/A	N/A N/A	1425' FSL & 2131' FEL 2485' FNL & 1203' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-30213	Faterited /825 Fee //253	N/A N/A	N/A N/A	1250' FSL & 1229' FWL	SENE, 6-2S-4W	Altamont	Duchesne
Doyle 1-10B3	43-013-31320	Patented 1810	N/A	N/A N/A		SWSW, 30-1S-3W SENW, 10-2S3W	Altamont	Duchesne
Duncan 2-9B5	43-013-30719	Patented 13/0 Fee 24/0	N/A	N/A	2382' FNL & 2157' FWL 1701' FWL & 1554' FSL		Bluebell	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1491	N/A	N/A	1654' FSL & 1754' FWL	NESW, 9-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-31080	Patented 1905	N/A	N/A		NESW, 11-2S-5W	Altamont	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A N/A	1490' FNL & 1334' FEL 763' FNL & 1189' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Elisworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	NENE, 17-2S-4W SWNE, 19-2S-4W	Altamont	Duchesne
Ellsworth 1-20B4	43-013-30351	Patented 1700	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	Duchesne
Elisworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 1761	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19 -2S-4W	Altamont	Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSW, 20-2S-4W	Altamont Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL	SWNW, 20-2S-4W	Altamont	Duchesne
Farnsworth 1-12B5	43-013-31024	30/24 Patented 16/5	N/A	N/A	2479' FNL & 1503' FEL	SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 600	N/A	N/A	1923' FNL & 1095' FEL	SENE, 7-2S-4W	Altamont	Duchesne Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 646	N/A	N/A	993' FSL & 768' FWL	SWSW, 12-2S-5W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee ///7/7	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanskutt 2-23B5	43-013-30917	Fee That	N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 1-24B3	43-013-30629	Fee 2370	N/A	N/A	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson 2-9B3	43-013-31136	Fee 10.455	N/A	N/A	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-32A3	43-013-30141	Patented 1646	N/A	N/A	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109	Patented 1635	N/A	N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043		N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee (0205) Fee (64)	N/A	N/A	1141' FWL & 1602' FSL	NWSW, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31079	Fee 1636	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 1-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-31243	Fee 11026	N/A	N/A	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W	Altamont	Duchesne
Hunt 2-21B4	43-013-31114	Fee /839	N/A	N/A	1512' FWL & 664' FSL	NESW. 21-2S-4W	Altamont	Duchesne
lorg 2-10B3	43-013-31388	Fee //482	N/A	N/A	738' FNL & 660' FEL	NENE, 10-2S-3W		Duchesne
Lake Fork 3-15B4	43-013-31358	Fee //378	N/A	N/A	1300' FNL & 1450' FWL	NENW, 15-2S-4W	Altamont	Duchesne
Lawrence 1-30B4	43-013-30220	Fee /845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee 1901	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W	Bluebell	Duchesne
Lazy K 2-14B3	43-013-31354	Fee 1/452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W	Bluebell	Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W	Altamont	Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W	Altamont	Duchesne
Matthews 2-13B2	43-013-31357	Fee 374 Fee 489	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W	Bluebell	Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W	Altamont	Duchesne

OPERATOR CHANGE						Routing:
Attach all document Initial each lister	tation received b f item when compl	y the division regar eted. Write N/A if	ding this change. item is not applica	able.		2DTS 8-FILE
Change of Ope Designation o	erator (well s of Operator	old)	Designation of Operator Name (4 RATE OF TILM
The operator of	the well(s)	listed below has	changed (EFFEC	TIVE DATE:	12-27-95)
TO (new operato (addres	phone (303		FROM (former		PO BOX 749	80201-0749
	account no	. N 0230 (B)			account no.	N 0675
Hell(s) (attach ad						
Name: Name: Name: Name:		API: <u>013-300</u> 07 API:	Entity: Entity: Entity: Entity: Entity:	SecTwp SecTwp SecTwp SecTwp	Rng L Rng L Rng L Rng L Rng L	ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:
22. (Rule R61 (Attach to DA 3. The Depart	5-8-10) Sundro this form). tment of Commany wells in	erce has been co Utah. Is comp	documentation ntacted if the any registered	has been r	received fro	m <u>new</u> operator
4. (For Indi (attach T	an and Federa elephone Doc section of th	number:al Hells ONLY) umentation Form is form. Manag ice prior to comp	 The BLM has be to this repor	en contact t). Make f Federal	ed regardin note of l	g this change
5. Changes ha	ive been enter ove. <i>(3-11-96)(4-</i>	red in the Oil a	nd Gas_Informat Fee(!A.'s)(8-20-96	ion System Indian C.A.	(Wang/IBM)	for each well
£ 6. Cardex fil	e has been up	dated for each w	ell listed abov	'e.		
yc7. Well file	labels have b	een updated for	each well liste	d above.		
28. Changes ha for distri	ve been inclu bution to Sta	ded on the mont te Lands and the	hly "Operator, Tax Commission	Address, a. (3-11-96)	and Account	Changes" memo
⊈9. A folder h	as been set u	up for the Opera nce during routi	tor Change file	and a co	opy of this	page has been

 $\vec{\text{Division}}$ of Oil, Gas and Mining $\vec{\text{OP}}\text{ERATOR}$ CHANGE HORKSHEET

ENTITY	REVIEW
Lec 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Werentity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
N/A 2.	State Lands and the Tax Commission have been notified through normal procedures o entity changes.
BOND VE	ERIFICATION (Fee wells only) Surely No. Ulo5382-1 (480,000) United Pacific Ins. Co.
	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
Lec 3.	The former operator has requested a release of liability from their bond (yes (no) Today's date 19_10. If yes, division response was made by letter dated 19 (Same Bond & Coastal)
	NTEREST OHNER NOTIFICATION RESPONSIBILITY
	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. (Copies of documents have been sent to State Lands for changes involving State leases.
FILMING	^\{
<u>161.1</u>	All attachments to this form have been microfilmed. Date: $1-7$ 1997.
FILING	
1. <u>(</u>	Copies of all attachments to this form have been filed in each well file.
2. 1	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENTS	
960311	This change involves Fee lease Inon C.A. wells anty a State Lease wells.
	C.A. a Indian lease wells will be handled on separate change.
	BLm/SL Aprv. C.A.'s 4-11-9/e.
96082	O BIA aprv. CA'S 8-16-96.
96032	BIA apri. Indian Lease wells 3-26-96.
WE/1/34-	35 X 9/0/107 Limicy 2-582/43-013-30784 under nevten at this time; no de yet

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

STATE OF UTAH EPARTMENT OF NATURAL RESOURCE

UTAH 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION NOTICE OF INTENT ACIDIZE DEEPEN REPERPORATE CURRENT FORMATIO NOTICE OF INTENT ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL. Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORABILLY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR SUBSEQUENT REPORT CHANGE WELL NAME PLUG AND ABANDON VENT OR FLARE Gubmit Original Form Only) CHANGE WELL NAME PRODUCTION ISTART/RESUME) WATER SIDEPOSAL CHANGE WELL STATUS PRODUCTION ISTART/RESUME) WATER SIDEPOSAL CHANGE WELL TYPE RECOMPLETE. DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. As a result of the merger between The Coastal Corporation and a wholly owned Subsidery of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001. See Exhibit "A"	· · · · · · · · · · · · · · · · · · ·	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS AND MI
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has been changed to El Paso Production Oil & Gas Company effective March 9, 2001. See Exhibit "A" Bond # 400JU0708		• •
See Exhibit "A" Bond # 400JU0708	ration, the name of Coastal Oil & Gas Corporation	subsidary of El Paso Energy Corporation
Bond # 400JU0708	ction Oil & Gas Company effective March 9, 2001.	has been changed to El Paso Production
Dolla if	See Exhibit "A"	See Ex
Dolla if		
Coastal Oil & Gas Corporation		Bond # 400JU0708
		Coastal Oil & Gas Corporation
NAME (PLEASE PRINT John T Elzner TITLE Vice President	TITLE Vice President	NAME (PLEASE PRINT John T Elzner
SIGNATURE DATE 06-15-01		7
El Paso Production Oil & Gas Company John T Elzner TITLE Vice President	Vice President	John T -Flanor
SIGNATURE DATE 06-15-01	DATE 06-15-01	SIGNATURE
(This space for State use only) RECEIVE	RECEIVED	(This space for State use only)

JUN 19 2001

State of Delaware



Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.



JUN 19 2001

DIVISION OF OIL, GAS AND MINING



Warriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

0610204 8100

010162788

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

That in lieu of a meeting and vote of stockholders, the SECOND: stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

Vice President

Attest:

Margaret E. Roark, Assistant Secretary

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 11:00 AM 03/09/2001

JUN 19 2001

DIVISION OF OIL, GAS AND MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

06/19/2001

608186-0143

06/21/2001

	٦. ت. ت
1. GLH	4-KAS
2. CDW 🗸	5-LP 🗸
3. JLT	6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

EDOM: (0110	 	TO: (No	w Operator):		-	
FROM: (Old Operator):				NI OII O C	A CLOOM) A NIXZ
COASTAL OIL & GAS CORPORATION	 _		PRODUCTIO			
Address: 9 GREENWAY PLAZA STE 2721		Address:	9 GREENWA	Y PLAZA	SIE 2/21	KIM 2973
HOUSTON, TX 77046-0995		HOUSTO	N, TX 77046-0)995		
Phone: 1-(713)-418-4635		Phone:	1-(832)-676-4			
Account N0230		Account	N1845			
	CA No.	Unit:				
WELL(S)						
	API		SEC TWN	LEASE	WELL	WELL
NAME	NO	NO	RNG	TYPE	TYPE	STATU
MONSEN 3-27A3	43-013-31401	11686		FEE	OW	P
WINKLER 1-28A3	43-013-30191	1750		FEE	OW	P
WINKLER 2-28A3	43-013-31109	1751	28-01S-03W		OW	P
HANSON TRUST 2-29A3	43-013-31043	10205		FEE	OW	P
STEVENSON 3-29A3	43-013-31376	11442		FEE	OW	P
DASTRUP 2-30A3	43-013-31320	11253		FEE	OW	P
B HARTMAN U 1-31A3	43-013-30093	5725		FEE	OW	S
HARTMAN 2-31A3	43-013-31243	11026	31-01S-03W		OW	P
HANSON TRUST 2-32A3	43-013-31072	1641		FEE	OW_	P
POWELL 1-33A3	43-013-30105	1625		FEE	OW	P
POWELL 2-33A3	43-013-30704	2400	33-01S-03W		OW	P
REMINGTON 1-34A3	43-013-30139	1725	34-01S-03W	FEE	OW	P
REMINGTON 2-34A3	43-013-31091	1736	34-01S-03W	FEE	OW	P
ACOBSEN 2-12A4	43-013-30985	10313	12-01S-04W	FEE	OW	S
ESSEN 1-15A4	43-013-30817	9345	15-01S-04W	FEE	OW	P
FISHER 1-16A4	43-013-30737	9117	16-01S-04W	FEE	ow	P
ESSEN 1-17A4	43-013-30173	4725	17-01S-04W	FEE	OW	P
ESSEN 2-21A4	43-013-31256	11061	21-01S-04W	FEE	OW	P
CR AMES 1-23A4	43-013-30375	5675	23-01S-04W	FEE	OW	S
GOODRICH 1-24A4	43-013-30760	9136	24-01S-04W	FEE	ow	P

(R649-8-10) Sundry or legal documentation was received from the NEW operator on:

4. Is the new operator registered in the State of Utah:

The new company has been checked through the Department of Commerce, Division of Corporations Database on:

YES

Business Number:

5.	5. If NO , the operator was contacted contacted on: N/A	
6.	6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A	
7.	7. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A	
8.	8. Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operate change for all wells listed involved in a CA on: N/A	tor
9.	9. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Infor the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A	ject,
\mathbf{D}_{λ}	DATA ENTRY:	•
1.	Changes entered in the Oil and Gas Database on: 06/27/2001	
2.	2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 06/27/2001	
3.	B. Bond information entered in RBDMS on: 06/20/2001	
4.	4. Fee wells attached to bond in RBDMS on: 06/27/2001	
Sī	STATE BOND VERIFICATION:	
1.	State well(s) covered by Bond No.: N/A	
FF	FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:	
1.	. (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: 400JU0708	
	2. The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: OMPLETION OF OPERATOR CHANGE OF THE DIVISION OF THE DIVISION OF OPERATOR CHANGE OF THE DIVISION OF THE DIVISION OF OPERATOR CHANGE OF THE DIVISION OF THE DIVIS	GE
3.	3. (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE	
FI	FILMING:	
1.	. All attachments to this form have been MICROFILMED on: 8 15 101	
	FILING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:	
	COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso	
Pro	Production Oil and Gas Company shall be retained in the "Operator Change File".	
	· · · · · · · · · · · · · · · · · · ·	

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

•										
	Lease Designation and Serial Number									
	FEE									
	7. Indian Allottee or Tribe Name									
s.	N/A 8. Unit or Communitization Agreement									
٥.	N/A									
	9. Well Name and Number									
	引 けが作りかん (/ Hartman #1-31A3									
	10. API Well Number									
	43-013-30093									
r	11. Field and Pool, or Wildcat									
	Bluebell									
y :	Duchesne									
•	Utah									
CE	, REPORT, OR OTHER DATA									
	BSEQUENT REPORT									
-	omit Original Form Only)									
ent	* New Construction									
pair	Pull or Alter Casing									
Pla										
	Injection Vent or Flare									
reat	Water Shut-Off									
										
on										
	Completions and Recompletions to different reservoirs OR RECOMPLETION AND LOG form.									
	ied by a cement verification report.									
ent d	lates. If well is directionally drilled, give subsurface									
	ne Green River and Wasatch zones have									
	history. It is no longer economical									
	nined that no additional recompletion mic operation to perform.									
0110	-									
	SARROW (#)									
egu	latory Analyst Date 12/19/01									
	The state of the s									

		FEE
SUNDRY NOTICES AND REPORTS ON	IWELLS	7. Indian Allottee or Tribe Name N/A
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter		8. Unit or Communitization Agreement
Use APPLICATION FOR PERMIT for such proposals	-	N/A
Type of Well		9. Well Name and Number よろけがなりかん C
X Oil Gas Well Other (specify)		Hartman #1-31A3
Name of Operator		10. API Well Number
El Paso Production Oil & Gas Company	г	43-013-30093
3. Address of Operator P.O. Box 1148 Vernal, Utah 84078	4. Telephone Number (435) 781-7024	11. Field and Pool, or Wildcat Bluebell
5. Location of Well 13c4	(155) 701 7021	
Footage : 1019'FNL & 1 024 'FEL	•	Duchesne
QQ, Sec, T., R., M : NENE Section 31-T1S-R3W		Utah
12. CHECK APPROPRIATE BOXES TO INDICATE		
NOTICE OF INTENT (Submit in Duplicate)		BSEQUENT REPORT pmit Original Form Only)
	Abandonment	
7. Candonnion	Casing Repair	Pull or Alter Casing
	Change of Plan	
Change of Plans Recompletion Conversion to Injection Shoot or Acidize	Conversion to	
Fracture Treat Vent or Flare	Fracture Treat	·
Multiple Completion Water Shut-Off	Other	
X Other Plug and Abandon		
2208 3300	Date of Work Completion	
Approximate Date Work Will StartUpon Approval	on WELL COMPLETION * Must be accompani	Completions and Recompletions to different reservoirs OR RECOMPLETION AND LOG form. led by a cement verification report.
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pert locations and measured and true vertical depths for all markers and zones pertine 	inent details, and give pertinent d ent to this work.)	lates. If well is directionally drilled, give subsurface
The operator requests authorization to plug and abandon the subjection produced. The wellI has experienced significant casing probleto produce this well. After evaluating all hydrocarbon-bearing zon potential exists in this well. Plugging and Abandonment is the only	ems repeatedly during its es and it has been determ	history. It is no longer economical ined that no additional recompletion mic operation to perform.
Please refer to the attached plug and abandonment procedure.		
		ANG PROPERTY OF THE PROPERTY O
14. I hereby certify that the foregoing is true and correct.		
Name & Signature Sheila Upchego	Title Regu	latory Analyst Date 12/19/01
(State Use Only) APROVED BY THE STATE OF UTAH ONISION OF OIL, OAS, AND MINING	COPY SENT TO OPERATOR Date: /// 00 Initials: (HT)	
(8/90) Les Conditions of Approval	s on Reverse Side	Same and the same



PLUG AND ABANDON PROCEDURE Hartman 1-31A3 NENE Sec 31-T1S-R3W Duchesne County, Utah December 18, 2001

WELL DATA:

DEPTH:

TD: 14,500 ft

PBTD: 14,495 ft

ELEVATIONS:

GL: 6267 ft

KB: 6286 ft

CASING:

10 3/4" 40.5# K-55 csg set @ 2522', cmt'd w/ 2425 sx, 15" hole

7" 26# S-95 csg set @ 12,060', cmt'd w/ 675 sx, 8 3/4" hole

5" 18# P-110 liner set @ 14,497' w/ TOL @ 11,848'

TUBING:

2 7/8" 6.5# N-80 8RD set @ 11,540'

1.90" 2.76# N-80 10RD set @ 7033'

PERFORATIONS:

Green River 11,433' - 11,989'

Tubular Properties:

Description	ID (in)	Drift (in)	Capacity (bbl/ft)	Burst (psi)	Collapse (psi)
10 3/4" 40.5# K-55	10.050	9.894	0.0981	3,130	1,580
7" 26# S-95	6.276	6.151	0.0382	8,600	5,870
5" 18# P-110	4.276	4.151	0.0177	13,620	13,450

^{18&}quot; conductor csg set to 60' ground level

Annular Capacities:

Description	Capacity (bbl/ft)
10 3/4" csg X 7" csg	0.0505
8 3/4" hole X 7" csg	0.0268

Slurry properties: Class G Cement, 15.8 ppg, 1.15 ft³/sk

Present Status: TA

RECOMMENDED PROCEDURE:

NOTE: All water used to displace cmt and placed between plugs should contain corrosion inhibitor and should be 8.8 ppg to 9.2 ppg brine.

- 1. Insure regulatory agencies are given proper notification prior to PXA.
- 2. Transport 1000 ft 2 7/8" workstring to well location from Altamont stock yard.
- 3. MIRU workover unit. ND well head and NU BOPs. POOH 1.90" tbg and lay down. POOH 2 7/8" tbg and stand back tbg. Lay down BHA.
- 4. PU 6" bit and csg scraper for 7" csg. RIH w/ bit and scraper to 12,482' (CIBP @ 12,487 w/ 5' cmt cap) and pump 200°F PW to remove paraffin from tbg. POOH, laying down 1100 ft, standing back 11,440 ft.

- 5. PU 5" CICR and RIH w/ CICR on 2 7/8" tbg. Set CICR @ 11,300'. Before shearing out of CICR fill tbg w/ PW and pressure tbg up to 1000 psi to check for leaks in tbg. Mix and pump 180 sx Class G cmt, pumping 160 sx through CICR and spotting remaining 20 sx on top. Pull up hole 10 jts and reverse-circulate tbg clean.
- 6. Pressure test casing to 500 psi. If casing tests okay continue to step 7. If pressure test fails, locate casing leak and set CICR 50 ft above leak. Mix and pump 25 sacks cement spotting 5 sacks on top of retainer. (Consult w/ Engineering if casing leak is above 5000 ft.)
- 7. Displace water in hole w/ 9# brine w/ corrosion inhibitor. POOH standing back 5000 ft and laying down 6440 ft.
- 8. MIRU wireline. RIH and shoot 4 squeeze holes @ +/- 5050'. POOH and RD wireline. RIH w/ openended 2 7/8" tbg to 5050'. Mix and pump 40 sx Class G cement w/ 1% CaCl₂ (in mix water), spotting balanced plug. POOH 10 jts tbg, and reverse circulate clean. WOC. TOC @ ~ 4950'. Tag cmt plug. Re-spot balanced plug as needed. POOH standing back 2550 ft, laying down 2450 ft.
- 9. RU wireline. Perforate 4 squeeze holes @ +/- 2572'. POOH and RDMO wireline. Open 10 ¾" csg valve. Pump brine down 10 ¾" X 7" annulus, through perfs, and up 7" csg to establish circulation.

If returns up 7" csg are established:

PU CICR and RIH w/ CICR on 2 7/8" tbg. Set CICR @ 22522'. With 10 3/4" casing valve open, mix and pump 40 sacks Class G cement w/ 2% CaCl₂, pumping 30 sx through CICR and spotting the remaining 10 sx on top. Pull up hole laying down 10 jts. Reverse circulate tbg clean. POOH laying down tubing. TOC @ 2470'.

If lost circulation occurs:

RIH w/ 2 7/8" tbg open-ended to 2572'. Open 10 3 4" casing valve. Shut 7" csg valve. Establish injection rate. Mix and pump 40 sacks Class G cement w/ 2% CaCl₂ (in mix water) as follows: pump first 20 sx into perfs, open 7" csg valve, close 10 3 4" csg valve, and spot balanced plug w/ remaining 20 sx. POOH 5 jts tbg and reverse circulate tbg clean. WOC. TOC @ 2,470'. RIH & tag cement plug. Re-spot balanced plug as necessary. POOH laying down tubing.

- 10. RIH to 100' w/ 1" continuous tbg. Mix and pump 20 sx Class G cmt w/ 2% CaCl₂ (in mix wtr) into 7" csg to surface POOH. Remove well head and run into 10 ¾" X 7" annulus w/ 1" tbg to 100'. Fill annulus w/ 25 sx Class G cmt w/ 2% CaCl₂ to surface.
- 11. Cut off all casing strings 3 ft below ground level. Install dry hole marker.

Restore location as per BLM's requirements in APD.

JJV

Approvals:	
Engineering Mgr:	
Tech Director:	
VP:	

DATE: _ FOREMAN: _	12/12/01 JJV	WELL: API NO: FIELD:	Hartman 1-31A3 43-013-30093 Altamont Bluebell	CNTY: STATE:	Duchesne UT	_ SEC _ TWF RGE QTF	P: 1S E: 3W	
KB (ft):	6286				P	Plugged and A	bandoned	
GL (ft):			CASING RECORD)				
TD (ft): _	14,500		SIZE (in) WT (THD	TOP (ft)	BTM (ft)	Date Run
Original PBTD			10 3/4 40	.5 K-55		Surface	2522	12/16/1971
_	14,495		7 <u>2</u> 5	6 S-95 8 P-110		Surface 11,848	12060 14497	12/27/1971 2/18/1972
Current PBTD (ft):	12,487							
`	- • •		TUBING RECORD					
			SIZE (in) WT (lb/ft) GRADE	THD	TOP (ft)	BTM (ft)	Date Run
			JEWELRY RECOF	RD				
Squeezed leak	3725'-4343' sx, 6/18/86		ITEM MAK		Max ID	TOP (ft)	Date Run	_
Parted csg col	lar in 7" csg		CIBP	5		12,487	8/13/1993	_
@ ~3900'; squ								_
Squeezed leak 500	sx, 5/15/80		PERFORATION RI	ECORD				
			ZONE TOP		SPF_	No. Holes	Date Shot	_
			Wasatch 12,6 Wasatch 12,6				08/17/1972 05/15/1980	-
Squeezed leak			Green River 11,4		2	184	04/21/1994	- -
w/ 400	sx, 5/15/80							_
								_
			COMMENTS:					
Squeezed leak	7741'-7804'			spudded. I" 40.5# K-55 csg se	at to 2522 ft C	mt'd w/ 2425 ev	Holo sizo 15"	
w/ 100 s	x, 11/12/87		2/18/1972 7" 26#	# S-95 csg set to 12	,060 ft. Cmt'd v	w/ 675 sx. Hole:		
Squeezed leak 7 w/ 150	7872'-7934' sx, 12/6/85			P-110 liner set to Vasatch 12,673' - 14		@ 11,848'.		
Squeezed leak 8			4/1/1974 Acidiz	ed perfs 12,673' - 1	2,439' w/ 20,00			
w/ 200 s	x, 11/12/87		5/1/1974 Found w/ 30,	d parted csg collar in 000 gal 15% HCl.	n 7" csg @ 390	0 ft. Squeeze lea	ak. Acidized perfs	12,673'-14,439'
				ed perfs 12,673' - 1	2,439' w/ 45,00	00 gal 15% HCl.		
TOO O 00501 01			9/2/1977 Acidiz	ed perfs 12,673'-14				
TOC @ 9250', CI	3L 12/6/85			eze holes 3922'-32' 6'-14,389'	w/ 500 sx. Squ	ueeze holes 6932	2'-7085' w/ 400 sx.	Perf Wasatch
				ed perfs 12,675'-14 ert well to submersit) gal 15% MSR a	cid.	
			1/1/1985 Contin	nuous ESP problem		foreign water fro	m csg.	
			Burnn	psection log showe ed 300 sx into csg l				
			gal 15	% HCl.				
			Pumpi	14,309'. ed 100 sx into csg li	eak 8050'-8112	and no squeez	e. Pumped anothe	r 100 sx and got
			squee	ze. Squeezed 100	sx into leak @			
		0	8/13/1993 CO ho	ed perfs w/ 5000 ga ele to 12,552'. Set 5	" CIBP @ 12,48	37' & dump bailed	15' cmt on top. Squ	ueezed csg leak
			3807'-	4404' w/ 250 sx cm ower Green River 1		w/ 2 SPF. 92 ft r	net, 184 holes. Acid	dized LGR perfs
		0	w/ 500	00 gal 15% HCl.	1,100 11,000		100, 104 110100. 7101	
			6/19/1994 Conve	ert well to rod pump.				
CIBP @ 12,487'	capped w/							
	nt, 8/13/93							
		0		·-·				
		0						
		0						

DATE: 12/12/01 FOREMAN: JJV	_	WELL: API NO: FIELD:	Hartman 1-3° 43-013-3009 Altamont Blue	93	CNTY: _ STATE: _	UT UT	_ SEC _ TWF RGE QTF	P: 1S E: 3W	
KB (ft): 6286 GL (ft): 6267			CASING RE	CORD	<u></u>	(Current Well S	atus	
TD (ft):14,500 Original PBTD (ft):14,495_			SIZE (in) 10 3/4 7 5	WT (lb/ft) 40.5 26 18	GRADE K-55 S-95 P-110	THD	TOP (ft) Surface Surface 11,848	BTM (ft) 2522 12060 14497	Date Run 12/16/1971 12/27/1971 2/18/1972
Current PBTD (ft): <u>12,487</u>			TUBING RE	CORD					
			SIZE (in) 2 7/8 1 9/10	WT (lb/ft) 6.5 2.76	N-80 N-80	THD 8RD 10RD	TOP (ft) Surface Surface	BTM (ft) 11540 7033	Date Run 6/19/1994 6/19/1994
			JEWELRY I	RECORD	_				
Squeezed leak 3725'-4343' w/ 300 sx, 6/18/86 Parted csg collar in 7" csg			ITEM CIBP	MAKER	SIZE (in)	Max ID	TOP (ft) 12,487	Date Run 8/13/1993	
@ ~3900'; squeezed leak Squeezed leak 3922'-32' w/			PERFORAT	ION RECOR	20				_
500 sx, 5/15/80						005	No Holes	D-t- Chat	
			ZONE Wasatch	TOP (ft) 12,673	BTM (ft) 14,439	SPF	No. Holes	Date Shot 08/17/1972	<u> </u>
			Wasatch Green River	12,676 11,433	14,389_ 11,989		184	05/15/1980 04/21/1994	_
Squeezed leak 6932'-7085' w/ 400 sx, 5/15/80									
133 3., 37 13.23									_
			COMMENTS						
			12/16/1971	Well spudde	ed.				
Squeezed leak 7741'-7804'			12/27/1971 2/18/1972				omt'd w/ 2425 sx. w/ 675 sx. Hole		
w/ 100 sx, 11/12/87 Squeezed leak 7872'-7934'			4/8/1972	5" 18# P-11	0 liner set to	14,497 ft. TOI		3126 0 3/4 .	
w/ 150 sx, 12/6/85			8/17/1972 4/1/1974		th 12,673' - 14		000 gal 15% HCl.		,
Squeezed leak 8050'-8112' w/ 200 sx, 11/12/87			5/1/1974	Found parte w/ 30,000 g	ed csg collar in al 15% HCl.	1 7" csg @ 39	00 ft. Squeeze le	ak. Acidized perfe	s 12,673'-14,439
			10/1/1976 7/27/1977	Acidized pe Put well on		2,439' w/ 45,0	00 gal 15% HCl.		
			9/2/1977			,439' w/ 18,00	0 gal 15% HCl.		
TOC @ 9250', CBL 12/6/85			5/15/1980	Squeeze ho 12,676'-14,3		w/ 500 sx. Sc	jueeze holes 693	2'-7085' w/ 400 sx	. Perf Wasatch
			6/4/1980				0 gal 15% MSR a	acid.	
			9/24/1981		I to submersit ESP problem		f foreign water fro	om csg.	
			12/6/1985	Csg inpsect	ion log showe	ed bad csg @	3940'. Squeezec	1 150 sx into holes	
			6/18/1986	gal 15% HC		eak 3/25-434	. Acidize was	atch perfs 12,647'-	14,439 W/ 15,00
			11/8/1987	CO to 14,30		eak 8050'-811	2' and no squee:	ze. Pumped anoth	er 100 sx and or
			12/31/1987	squeeze. S	queezed 100	sx into leak @	7741'-7804'.		
			1/3/1988		rfs w/ 5000 ga 12.552'. Set 5		487' & dumo baile	d 5' cmt on top. S	queezed csg leal
			8/13/1993	3807'-4404'	w/ 250 sx cm	t.			· · · · · · · · · · · · · · · · · · ·
		0	4/21/1994	w/ 5000 gal		1,433'-11,989	rw/2 SPF. 92 ft	net, 184 holes. A	ciaizea LGR pen
		0	6/19/1994	Convert wel	I to rod pump.				·
CIBP @ 12,487' capped w/ 5' cmt, 8/13/93		-							
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Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 801-538-7223 (TDD)

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax)

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number:

B Hartman Unit 1-31A3

API Number:

43-013-30093

Operator:

El Paso Production Oil & Gas Company

Reference Document:

Original Sundry Notice dated December 19, 2001,

received by DOGM on December 20, 2001

Approval Conditions:

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
- 2. A 100' balanced plug shall be added from $\pm 5900' 6000'$ (approx. 20 sx).
- 3. Procedure Item #8 (Balance Plug @ 5050') shall be relocated 1600' shallower across the base of the moderately saline ground water @ 3450' (from ± 3500 ' - 3400').
- 4. All balanced plugs shall be tagged to ensure the plugs are at the depths specified in the proposal.
- 5. All annuli shall be cemented from a minimum depth of 100' to the surface.
- 6. Surface reclamation shall be done according to landowner's specifications.
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 8. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet Petroleum Engineer January 11, 2002

Date

API	Well No: 43-013-30093-00-00	Permit No:		Well Nam	e/No: BHA	ARTMAN U	1-31A3	
	pany Name: EL PASO PROD OIL							
	ation: Sec: 31 T: 1S R: 3W Spot: 1		ring Info	rmation				
	rdinates: X: 4467393 Y: 562839		_	Bottom	Diameter		t Length	
	l Name: ALTAMONT		String	(ft sub)	(inches)	(lb/ft)	(ft)	
	nty Name: DUCHESNE		HOL1	60	20			
C	ity maine.	^	COND HOL2	60 2522	18 15			
ſ	m (Surt	rce rivy	HOL2 SURF	2522 2522		40.5	2522	
	(20 K) (1.15	5)(4-655)= 10-7	1		10.75 8.75	40.5	2322	
X	Cement from 60 ft. to surface	(ICC Jerrice)	HOL3 Prod	12064 12060	8.75 7	26	12060	
	Conductor: 18 in. @ 60 ft 25%	c)(1.15)(3.526)zloj /	HOL4	14500	6.25	20	12000	
4111	Hole: 20 in. @ 60 ft.	TOCZ Surface	1014	14497	5	18	2649	
	Cement from 2522 ft. to surface	7	ን ¹ Γ1	11778	2.875	6.4	11778	
	 	_	PKR	11776	2.875	0.1	11,,,	
Щ	Surface: 10.75 in. @ 2522 ft		T2	3987	1.5			
增	Hole: 15 in. @ 2522 ft. (SO)	LISX(4.658)29,45x	\	3707	1.5			
12		(5)(2,9435)=14,55x	.\					
	(6.15))	115)(3526)=25CPI	ment Inf	ormation				
,' _	18	(16C=2497)	7	ВОС	TOC			
~]	Tubing: 1.5 in. @ 3987 ft.	(S	String	(ft sub)	(ft sub)	Class	Sacks	
هر [[(1052))(1/5)(4,655)≥54°C	JOND	60	0	UK	150	
A. M. M. C. MARAGE	خ 📉	Mac= 2468) L	L1	14485				
			PROD	12060		UK	675	
	The state of the s	S	SURF	2522	0	UK	2425	6 119
	Plus 3 (mille 15)	mach 18:10)	Idesing (e	4K @ 3725-1	4343 300 - 7085 750 -32 5726	53x 3 and	(a le les	1/7/89
L	(joe)(1.15)(1	1955/2 10. TX	esing spe	K & 7922	-32 3726	6 46/400 5X	4/10/21	18-15-77-18-784
母	25050 (213 SX)(110)(299)	35)=74 Was	usiante	K 6 3900	0 3920	4 w/ 650 Sy	× 7/1/74	117/88
	111070 + 11040 A		rioration	leaf El 65		Unisuce 5 92		3807-4404 25
ر ا	Liner from 14497 ft. to 11848 ft.		Гюгасіон Гор	Bottom	J.1		*- ,	
′ III	Cement from 12060 ft.	(ft	t op 't sub)	(ft sub)	Shts/	/Ft No Sh	hts Dt Sque	eze
			12673	14439				
	Add Plug Filos-6	1000	11433	11989	4126/94			
l)	Add Progration	00)6						
1	12051	ノ						
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'sse'								
	Play	1)					
4	Packer 2 875 in @ 11764 ff @405	5 (1.15)(4.655)=For	mation !	Informatio	'n		_	
4	Tubing: 2.875 in. @ 11778 ft. 8	356 mov-12056 D	ormation	n Depth	Fc	ormation	Depth	
N	Production: 7 in. @ 12060 ft.	op qo	INIT A	0 3760				
X	Hole: 8.75 in. @ 12064 ft. (20)	50(118)(4659)= 1 (FOX=4193)	RRV	6002				
/	107	(Ex=443')						
			Capeci	ities # = 4,65	۲,			
2	no 17487 wis 18-12-12		7,264	= 4-65	15 7cf			
F	Self Co Lorol Mo cement		Anuly,	= (1,2)	z 'z	2	1 = 2-9935	r
	>126+3 worntenperts		874 holex	711=111211	(8-75)) - 7	~ 0-374"	1 = 29935	5 7cf
1	••		414	- 1	181.35			
	ECIFP@ 12487 W/5 cemen f 712673 wasutenperfs Hole: 6.25 in. @ 14500 ft.	j	1x31." 7"	"= 3.526	f, '			

Dustin,

Here are the Altamont Bluebell P&A wells and their respective transition zone depths. The depth is the point at which the transition from the Green River formation to the Uinta formation occurs:

Wilkerson 1-20Z1 7819 ft CR Ames 1-23A4 5880 ft Summeral 1-30A1 5940 ft mod salone @ ~3467 Hartman 1.31A3 5680 ft Powell 1-33A3 5700 ft Karl Shisler U 1-3B1 5040 ft Fisher 1-7A3 6682 ft Remington 2-34A4 5855 ft Morris 2-7A3 6810 ft Lamicg-Urruty 1-8A2 6965 ft

I realize that I lack the depths for two of our wells, the Hamblin 1-26A2 and the Kendall 1-12A2. I expect you will need them also. I will contact our geologist in Houston tomorrow and pass those numbers along to you as soon as I receive them. I appologize for the confusion.

Please let me know if there is any other information I can provide. Thank you for your time.

Jonathan J. Vacca Jonathan.Vacca@EIPaso.com 435-781-7015 435-671-2720 (NEW mobile) 435-781-7095 (fax) 435-781-0336 (residence) 1368 South 1200 East Vernal. Utah 84078

This email and any files transmitted with it from the ElPaso Corporation are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the sender.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

R	OUTING
1.	DJJ
2.	CDW

Change of Operator (Well Sold)

X Operator Name Change

FROM: (Old Operator):	
	TO: (New Operator):
N1845-El Paso Production O&G Company	N3065-El Paso E&P Company, LP
1001 Louisiana Street	1001 Louisiana Street
Houston, TX 77002	Houston, TX 77002
Phone: 1 (713) 420-2300	Phone: 1 (713) 420-2131
CA No.	Unit:
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from 2. (R649-8-10) Sundry or legal documentation was received from 3. The new company was checked on the Department of Comme 4. Is the new operator registered in the State of Utah: 5. If NO, the operator was contacted contacted on: 6a. (R649-9-2)Waste Management Plan has been received on: 6b. Inspections of LA PA state/fee well sites complete on: 6c. Reports current for Production/Disposition & Sundries on: 7. Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or Indian lease 8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator. 9. Federal and Indian Communization Agreements The BLM or BIA has approved the operator for all wells listed.	the FORMER operator on: 7/5/2006 the NEW operator on: 7/5/2006 rce, Division of Corporations Database on: 3/30/20 S Business Number: 2114377-0181 requested 7/18/06 ok e BIA has approved the merger, name change, so on: BLM not yet BIA not yet for wells listed on: not yet ("CA"):
Inject, for the enhanced/secondary recovery unit/project for the DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 2. Changes have been entered on the Monthly Operator Change 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS on: 5. Injection Projects to new operator in RBDMS on: 6. Receipt of Acceptance of Drilling Procedures for APD/New on	7/19/2006 Spread Sheet on: 7/19/2006 7/19/2006 7/19/2006 7/19/2006
BOND VERIFICATION:	102/01/20
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well(s) listed covere The FORMER operator has requested a release of liability from The Division sent response by letter on: 	
LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The FORMER operator of the fee wells has been of their responsibility to notify all interest owners of this change	contacted and informed by a letter from the Division on: 7/20/2006
COMMENTS:	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING MULTIPLE LEASES 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1 TYPE OF WELL OIL WELL 7 GAS WELL OTHER SEE ATTACHED 9. API NUMBER: 2. NAME OF OPERATOR N 1845 EL PASO PRODUCTION OIL AND GAS COMPANY PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: SEE ATTACHED **ALBUQUERQUE** NM 87113 (505) 344-9380 1339 EL SEGUNDO AVE NE 4. LOCATION OF WELL COUNTY: UINTAH & DUCHESNE FOOTAGES AT SURFACE: SEE ATTACHED STATE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE \mathbf{Z} NOTICE OF INTENT SIDETRACK TO REPAIR WELL **FRACTURE TREAT** (Submit in Duplicate) ALTER CASING Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE **TUBING REPAIR** VENT OR FLARE CHANGE TUBING PLUG AND ARANDON SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) WATER SHUT-OFF **CHANGE WELL STATUS** PRODUCTION (START/RESUME) Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CHANGE OF **OPERATOR** RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE JUNE 30, July 1, 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS. EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473. N3065 El Paso E & P Company, L. P. 1001 Louisiana Houston, TX 77002 William M. Griffin, Sr. Vice President **CHERYL CAMERON AUTHORIZED REGULATORY AGENT** NAME (PLEASE PRINT) 6/20/2006 DATE

(This space for State use only)

APPROVED 7/19/06

Division of Oil, Gas and Mining Earlene Russell, Engineering Technician (See Instructions on Reverse Side) RECEIVED JUL 0 5 2006

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOURCE	ES	
	NG	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE	
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A		
Do not use this form for proposals to drill n drill horizontal to	bottom-hole depth, reenter plugged wells, or to for such proposals.	7. UNIT OF CA AGREEMENT NAME: N/A	
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: HARTMAN 1-31A3
2. NAME OF OPERATOR: EL PASO E&P COMPAN'	Y. L.P.		9. API NUMBER: 4301330093
3. ADDRESS OF OPERATOR:	Y DENVER STATE CO ZIP 80	PHONE NUMBER: (303) 291-6400	10. FIELD AND POOL, OR WILDCAT: BLUEBELL
4. LOCATION OF WELL		(000) 201 0100	
FOOTAGES AT SURFACE: 1019'	FNL, 1204' FEL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NENE 31 1S 3W		STATE: UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ отнек: Revised
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all perti	nent details including dates, depths, volum	es, etc.
Operator requests authori	zation to plug and abandon the sub	ject well with revised P&A prod	cedure. Please refer to the attached
procedures.			
			COPY SENT TO OPERATOR
			Dale: 9/14/00
			initials
NAME (PI FASE PRINT) Lisa Pretz		TITLE Engineering Tec	h
NAME (PLEASE PRINT) LIST PIEZ	14		
SIGNATURE		DATE 6/7/2007	
This space for State use only)	PROVED BY THE STATE	•	RECEIVED
	E HTAH DIVISION OF		_
01	L, GAS, AND MINING		JUN 1 1 2007

BY: Dec Conditions of Approval (Attenched)

(replace) Approval granted 1/15/02)

DIV. OF OIL, GAS & MINING

(5/2000)



PLUG AND ABANDONMENT PROGNOSIS

WELL NAME: HARTMAN 1-31A3

API #: 4301330093 SEC 31-T1S-R3W

DUCHESNE COUNTY, UT

WELL DATA:

ELEVATIONS: GL 6,267' KB 6,286'

FORMATION TOPS: GREEN RIVER TN1 @ 7,681', TGR3 10,024', WASATCH @ 11,417'

BHST: 185°F @ 12,038' DRILL DEPTH: 14,500'

PBTD: 14,478'

HOLE/CASING SIZES:

22" hole 18" conductor @ 60' w/ 150 sxs cement.

15" hole 10 3/4" 40.5# K-55 @ 2,516'w/ 2425 sxs cement

8-3/4" hole 7" 26# S-95 @ 12,060' w/ 675 sxs cement

CBL TOC < 9,250' 2/72

6" hole 5" 18# P-110 @ 14,497' w/ 300 sxs cement

5" 18# P-110 TOL @ 11,835'

TUBING SIZES:

2 7/8" 6.5# N-80 8RD @ 11,543' 8/94

1.9" 2.76# N-80 10RD @ 7033' NATIONAL PUMP CAVITY

PERFS: 4/94: 11,433-11,989'

PACKERS & PLUGS:

5" CIBP @ 12,487 8/93

WELL HAS BEEN REPORTED AS SHUT IN SINCE 5/1999

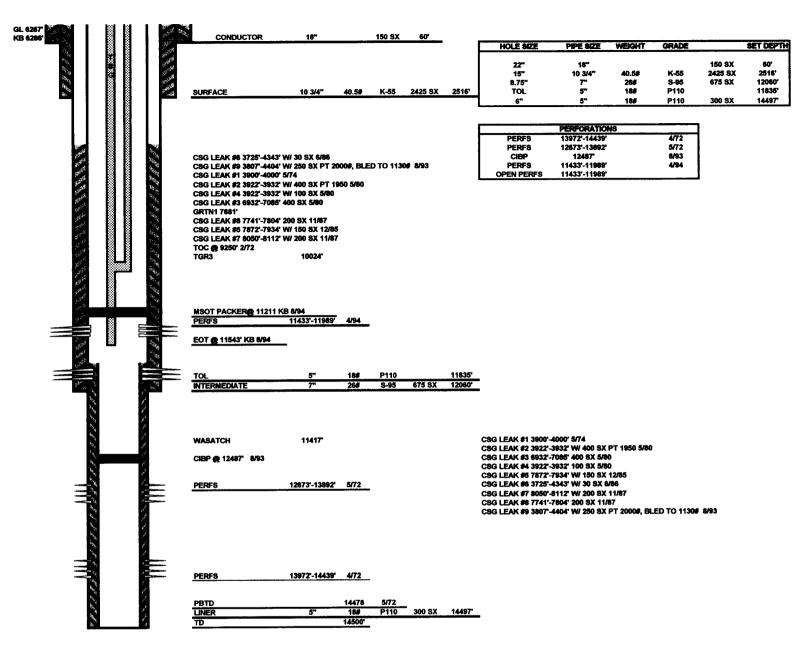
<u>CEMENT DESIGN:</u> Class G Cement, 15.8 ppg, 1.15 FT3/SX. Displace with corrosion inhibited produced water.

ABANDONMENT PROGNOSIS:

- 1. Notify DOGM of P&A operations at least 24 hrs prior to starting abandonment operations.
- 2. MIRUPU. Blow well down to tank and remove wellhead equipment. NU BOPE.

- 3. TOOH w/ 1.9" side string and lay down. Release MSOT packer @ 11,211' and tally TBG.
- 4. Plug #1, pump 50 sx class G, 40sx into CICR @ 11,380' and spot 10 sx on top. Fill and roll hole w/ corrosion inhibited produced water.
- 5. Plug #2, stabilizer plug above Green River TGR3 @ 9300-9200' with 20 sx class G cement. WOC and tag TOC.
- 6. Plug #3, stabilizer plug above Green River TN1 @ 6300-6200' with 20 sx class G cement. WOC and tag TOC.
- 7. Plug #4, stabilizer plug across BSGW @ 3500-3400' with 20 sx class G cement. WOC and tag TOC.
- 8. Free point 7" casing and lay down. TIH w/ TBG to 50' inside 7" stub.
- 9. Plug #5, spot 100'-150' plug 50' inside stub, (50' across open hole if any) and 50' into surface casing with 60 sx. Class G w/ 2% CC. WOC and tag plug. TOOH.
- 10. TIH w/ 9.875" bit to 1030'.
- 11. Plug #6, TIH w/ 10 3/4" CICR to 1000'. Spot 10 sxs Class G cement on top.
- 12. Plug #7, spot 100' surface plug w/ 50 sx Class G cement. Cement surface annulus via 1" tubing if necessary.
- 13. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOPU.
- 14. Restore location.

WELL AS IS



NOTE: NOT TO SCALE

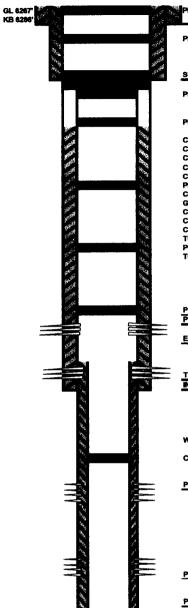
TBG DETAIL 8/94

226 JTS 2 7/8" 6.5# N-80 8RD TBG 7000'
NATIONAL OILWELL CAVITY @ 7033'
136 JTS 2 7/8" 6.5# N-80 8RD TBG 4186'
MSOT ARROWSET 7" PACKER @ 11211' KB
6. JTS 2 7/8" 6.5# N-80 8RD TBG
PSN
1JT 2 7/8" 6.5# N-80 8RD TBG
110' PERF SUB 2 7/8" 6.5# N-80 8RD TBG
3 JTS 2 7/8" 6.5# N-80 8RD TBG
EOT 11543' KB

SIDE STRING:

217 JTS 1.90" IJ 2.76# N-80 10RD TB EOT @ 7033.3' KB





PLUG #7 100'-SURFACE W/ 50 SX CLASS G CONDUCTOR 150 SX 60' 18" HOLE SIZE PIPE SIZE WEIGHT GRADE SET DEPTH PLUG #6 10 3/4" CICR @ 1000' W/ 10 8X CLASS G 150 SX 22" 18" 15" 10 3/4" 40.5 K-55 2425 SX 2516 8.75" S-95 12060 7" 5" 26# 18# 675 SX 10 3/4" 40.5# K-55 2425 SX TOL P110 11836 SURFACE 2516' 6" 5" 184 P110 300 SX 14497 PLUG #5 2615'-2465' W/ 60 SX CLASS G

PERFS

PERF8

CIRP

PERFS OPEN PERFS

PLUG #4 3500'-3400' W/ 20 SX CLASS G

CSG LEAK #6 3725'-4343' W/ 30 SX 6/86 CSG LEAK #9 3807'-4404' W/ 250 SX PT 2000#, BLED TO 1130# 8/93 CSG LEAK #1 3900'-4000' 5/74 CSG LEAK #2 3922'-3932' W/ 400 SX PT 1950 5/80 CSG LEAK #4 3922'-3932' W/ 100 SX 5/80

PLUG #3 6300'-6200' W/ 20 SX CLASS G CSG LEAK #3 6932'-7085' 400 SX 5/80 GRTN1 7681' CSG LEAK #8 7741'-7804' 200 SX 11/87

CSG LEAK #5 7872'-7934' W/ 150 SX 12/85 CSG LEAK #7 8050'-8112' W/ 200 SX 11/87 TOC @ 9250' 2/72 PLUG #2 9300'-9200' W/ 20 SX CLASS G

PLUG #1 CICR @ 11380' W/ 50 SX CLASS G, 40 SX INTO & 10 SX ON TOP PERFS 11433'-11989' 4/94

EOT @ 11543' KB 8/94

TOL INTERMEDIATE P110 11835 12060' S-95 675 SX

WASATCH

11417

CIBP @ 12487 8/93

PERFS 12673'-13892' 5/72 CSG LEAK #1 3900'-4000' 5/74 CSG LEAK #2 3922'-3932' W/ 400 SX PT 1950 5/80

CSG LEAK #3 6932'-7085' 400 SX 5/80 CSG LEAK #4 3922'-3932' 100 8X 5/80 CSG LEAK #5 7872'-7934' W/ 150 SX 12/85 CSG LEAK #6 3725'-4343' W/ 30 SX 6/86

CSG LEAK #7 8050'-8112' W/ 200 SX 11/87 CSG LEAK #7741'-7804' 200 SX 11/87 CSG LEAK #9 3807'-4404' W/ 250 SX PT 2000#, BLED TO 1130# 8/93

PERFORATIONS 13972'-14439'

12673'-13892'

12487

11433'-11989'

4/72

5/72

8/93

4/94

PERFS 13972'-14439' 4/72

PBTD LINER 14478 P110 300 SX 14497 14500' TD

NOTE: NOT TO SCALE

TBG DETAIL 8/94

226 JTS 2 7/6" 6.5# N-80 8RD TBG 7000" NATIONAL OILWELL CAVITY @ 7033* 136 JTS 2 7/8" 6.5# N-80 8RD TBG 4186 MSOT ARROWSET 7" PACKER @ 11211' KB 6 JTS 2 7/8" 6.5# N-80 8RD TBG 1JT 2 7/8" 6.5# N-80 8RD TBG 1 10" PERF SUB 2 7/8" 6.5# N-80 8RD TBG 3 JTS 2 7/8" 6.5# N-80 8RD TBG EOT 11543' KB

SIDE STRING:

217 JTS 1.90" IJ 2.76# N-80 10RD TB EOT @ 7033.3° KB



Department of

Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number:

Reference Document:

Hartman 1-31A3

API Number:

43-013-30093

Operator:

El Paso Production Oil & Gas Company Original Sundry Notice dated June 7, 2007,

received by DOGM on June 11, 2007

This approval amends and replaces the approval given on January 15, 2002.

Approval Conditions:

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
- 2. All balanced plugs shall be tagged to ensure the plugs are at the depths specified in the proposal.
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.
- 4. Surface reclamation shall be done in accordance with R649-3-34 Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
- 6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet

September 13, 2007
Date

Petroleum Engineer

API Well No: 43-013-30093-00		ore Diag		e/No: HAR	TMAN 1-31	A3	
Company Name: EL PASO E&							
Location: Sec: 31 T: 1S R: 3W		String Info	rmation				
Coordinates: X: 562839 Y: 446			Bottom	Diameter	Weight	Length	Capacities
Field Name: ALTAMONT		String	(ft sub)	(inches)	(lb/ft)	(ft)	Capacities (%ct)
County Name: DUCHESNE		HOLI	60	20			
•	^	COND	60	18			
	Plug # 7 (step# 12) 200x (1.15) (1.815) = 101 surface	HOL2	2522 2522	15 10.75	40.5	2522	1-815
0	BOXYLLASTE 102	SURF HOL3	12064	8.75	40.3	2322	1-013
Cement from 60 ft. to	surface Vo-V	← PROD	12060	7	26	12060	4.655
Conductor: 18 in. @ 6	0 ft.	HOL4	14500	6.25	20	12000	7.673
Hole: 20 in. @ 60 ft.	Prog \$16 (Step#11)Li	14497	5	18	2649	
Cement from 2522 ft. to	surface (105%) (1.55) (1.815)	2 T1	11778	2.875	6.4	11778	
Surface: 10.75 in. @ 252	22 ft. 201 Cark.	PKR	11764	2.875			
24 Aole: 15 in. @ 2522 ft.	מ שבוע ישו	T2	3987	1.5			
IDEAL SECTION	cont = 100 sx	834" < 74	(208)	***************************************			->29935
3400 2 2572 OH	90/1.15)(1263)= 2634 4432(11) (1765)= 50 4	103647					, -
7501 2500	Plug #4 (Step#7)	Cement Inf	ormation	83/4 40 H	(20%)		73526
Tubing: 1.5 in. @ 3987 1	1		BOC	TOC			7000
TOP 3125	2051=107	String	(ft sub)	(ft sub)	Class	Sacks	
(3760) = 3122 ceaks	·	COND	60	0	UK	150	
		LI	14485		117	(35	
GR ST PLUTT	(5t ep#6)	PROD	12060	٥	UK UK	675 2425	
6000 (300) -6574	. 21	SURF Can Leak	_2522 ₽ 3725 - 4	_0 3 43 '3 <i>∞</i> '		~ I .	900-912 200.
630 - 6432 205x=	10 4	Cay Splite		085 750	× 9/10/81	5,(2	9050-912 200. 1/7/8
~ 5050		Cis reako	3900'	400 SX	7/10/81	Csglak:	7741-7804 box
-8112		Coy Lake	A 1-34.		12/19/85	C 1	1977 1741 - 1780 17778 17778 1768 1844 1768
Liner from 14497 ft. to 11	848 ft.		Informat	1011-	1.1105	C3314K 3	B07-4404 2505V
Cement from 12060 ft.		Top (ft sub)	Bottom (ft sub)	Shts	Ft No Si	nts Dt Squ	
		12673	14439				
		11433	11989	4/2	•/94		
P1-42	(Steptis)	עלאון	(.,, •	7(1)		
TGR3 - 9200 (205x)(1.15)	(Heasts) (4655) = 107						
TGR3 - 9300 (205x)(1.15)	1(4655) = 10+						
:							
Packer: 2.875 in. @ 11764	A. Plust (Stephy)	Formation	Informati	on			
Tubing: 2.875 in. @ 1177	8 ft. o. l.	Formation	n Depth				
Production: 7 in. @ 12060) ft. (5054)(1,15 Y11 (4)	DUCHR	0 3760				
Hole: 8.75 in. @ 12064 ft.	763	I GRRV	6002				
7(989)	Boc=+11647	A 5 (. 4	+ 350	a۱			
	About 105/(1.15)(4)	55)= -1	_ ,,,,,				
A CIEPE12487 W/5'C	mt	97					
712673'	(.	V 0-	K.				
wesetch per	15						
Production: 7 in. @ 12064 ft. Hole: 8.75 in. @ 12064 ft. C16ρε (2487 ω/5' c 72673' Hole: 6.25 in. @ 14500 ft.							
1 No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.							
17146341							

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING	
CDW	

X - Change of Operator (Well Sold)						ge/Merger		
The operator of the well(s) listed below has chan	ged, e	effective:				6/1/2012		
FROM: (Old Operator):				TO: (New Or	perator):			
N3065- El Paso E&P Company, L.P.				N3850- EP Ene		ompany, L.P.		
1001 Louisiana Street				1001 Louisiana		, , , , , ,		
Houston, TX. 77002				Houston, TX. 7				
]				,				
Phone: 1 (713) 997-5038				Phone: 1 (713)	997-5038			
CA No.				Unit:	T	N/A		<u>-</u>
WELL NAME	SEC	TWN R	NG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List					<u> </u>	<u> </u>		
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation wa 2. (R649-8-10) Sundry or legal documentation wa 3. The new company was checked on the Departs 4a. Is the new operator registered in the State of U 5a. (R649-9-2) Waste Management Plan has been re 5b. Inspections of LA PA state/fee well sites comp 5c. Reports current for Production/Disposition & S	as recoment Jtah: eccive	eived from eived from of Comme ed on:	the	NEW operator	on: orporations	6/25/2012 6/25/2012 Database on: 2114377-0181		6/27/2012
6. Federal and Indian Lease Wells: The BL			IA h		- e merger, na	me change.		
or operator change for all wells listed on Feder					BLM	N/A	BIA	Not Received
7. Federal and Indian Units:						-		
The BLM or BIA has approved the successor	r of m	nit operato	r for	wells listed on		N/A		
					•	1///	•	
_		-				N/A		
The BLM or BIA has approved the operator					Comm 5 Tron			
9. Underground Injection Control ("UIC"			_	_				C1
Inject, for the enhanced/secondary recovery ur	nit/pro	oject for th	ie wa	iter disposal we	il(s) listed o	n: Sec	cond Oper	Cng
DATA ENTRY:								
1. Changes entered in the Oil and Gas Database			_	6/29/2012	_			
2. Changes have been entered on the Monthly O	perat	or Chang	e Sp			6/29/2012	•	
3. Bond information entered in RBDMS on:				6/29/2012	_			
4. Fee/State wells attached to bond in RBDMS or				6/29/2012	_			
5. Injection Projects to new operator in RBDMS		DD 0.1		6/29/2012	-			
6. Receipt of Acceptance of Drilling Procedures i	or Al	PD/New of	n:		N/A	_		
BOND VERIFICATION:								
1. Federal well(s) covered by Bond Number:				103601420				
2. Indian well(s) covered by Bond Number:	_			103601473		4007770707		
3a. (R649-3-1) The NEW operator of any state/fe	e wel	ll(s) listed	cov	ered by Bond N	umber	400JU0705	-	
3b. The FORMER operator has requested a releas	se of l	iability fro	om tl	neir bond on:	N/A			
LEASE INTEREST OWNER NOTIFIC 4. (R649-2-10) The NEW operator of the fee wells	s has l	been conta						
of their responsibility to notify all interest owne	rs of	this chang	e on	•	6/29/2012			
COMMENTS:								
Disposal and Injections wells will be moved wh	ien U	IC 5 is re	ceiv	ed.				

STATE OF UTAH PARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL				5. LEASE DESIGNATION AND SERIAL	NUMBER:
CUNDDY	/ NOTICES AN	ID BEDODI	TO ON WEL	1.6	Multiple Leases 6. IF INDIAN, ALLOTTEE OR TRIBE NA	ME:
SUNDKI	Y NOTICES AN	ND REPUR	12 ON WEL	LS	7 LINUT CA ACREEMENT NAME.	
Do not use this form for proposals to drill r drill horizontal k	new wells, significantly deepe aterals. Use APPLICATION	en existing wells below of	current bottom-hole dept L form for such proposa	th, reenter plugged wells, or to is.	7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL	☑ GAS WELI	OTHER			WELL NAME and NUMBER: See Attached	
2. NAME OF OPERATOR:			· · · ·		9. API NUMBER:	<u> </u>
El Paso E&P Company, L	P.	A	Attn: Maria Go	···-		
3. ADDRESS OF OPERATOR: 1001 Louisiana	y Houston	STATE TX Z	_{1P} 77002	PHONE NUMBER: (713) 997-5038	10. FIELD AND POOL, OR WILDCAT: See Attached	
4. LOCATION OF WELL		0.771 <u>g</u>				
FOOTAGES AT SURFACE: See A	Attached				COUNTY:	
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN:				STATE: UTAH	
11. CHECK APP	ROPRIATE BOXI	ES TO INDICA	TE NATURE	OF NOTICE, REPO	ORT, OR OTHER DATA	
TYPE OF SUBMISSION			T	YPE OF ACTION		
NOTICE OF INTENT	ACIDIZE		DEEPEN		REPERFORATE CURRENT FO	PRMATION
(Submit in Duplicate)	ALTER CASING		FRACTURE	TREAT	SIDETRACK TO REPAIR WEL	L
Approximate date work will start:	CASING REPAIR		MEW CONS		TEMPORARILY ABANDON	
	CHANGE TO PRE	VIOUS PLANS	☐ OPERATOR		TUBING REPAIR	
SUBSEQUENT REPORT	CHANGE TUBING CHANGE WELL N	A B4E	PLUG AND			
(Submit Original Form Only)	CHANGE WELL ST		_	ON (START/RESUME)	WATER SHUT-OFF	
Date of work completion:		DUCING FORMATIONS	=	ION OF WELL SITE	OTHER: Change of	
	CONVERT WELL		=	TE - DIFFERENT FORMATION	Nomo/Onoro	tor
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIO	NS. Clearly show al	l pertinent details inc	cluding dates, depths, volum	mes, etc.	
					es to EP Energy E&P Comp	anv. L.P.
					ed the new operator of the	
ED E	D :	المطافعة المسادمة		ditions of the lease	(a) fan tha an antiona aond.	ام مغم
					(s) for the operations condund No. 400JU0705, Bureau	
Management Nationwide						
4 .	_			1		
March 10	2			Luci	2/10	
Frank W. Faller				Frank W. Falleri		
Vice President				Sr. Vice President		
El Paso E&P Company, L	P.			EP Energy E&P C	company, L.P.	
						
NAME (PLEASE PRINT) Maria S. (Gomez		TITU	Principal Regula	atory Analyst	
SIGNATURE MAYOR	H. Borrer	S	DAYI	6/22/2012		
This space for State use only)				RE	CEIVED	
APPROVED _	, /29/201	2			. 2 5 2012	
7	حر غنب صحلا			JUN	2 5 2012	

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medim

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

							Well	Well	
Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Type	Status	Conf
DWR 3-17C6	17	0308	060W	4301350070		14204621118	OW	APD	С
LAKEWOOD ESTATES 3-33C6	33	0308	060W	4301350127		1420H621328	OW	APD	С
YOUNG 3-15A3	15	I		4301350122		FEE	OW	APD	С
WHITING 4-1A2	01			4301350424		Fee	OW	APD	С
EL PASO 4-34A4	34			4301350720		Fee	ow	APD	C
YOUNG 2-2B1	02			4304751180		FEE	ow	APD	C
LAKE FORK RANCH 3-10B4	10			4301350712	19221		OW	DRL	C
LAKE FORK RANCH 4-26B4	26			4301350712			OW	DRL	C
							OW	DRL	C
LAKE FORK RANCH 4-24B4	24	1		4301350717					
Cook 4-14B3	14			4301351162			OW	DRL	C
Peterson 4-22C6	22			4301351163			OW	DRL	С
Lake Fork Ranch 4-14B4	14			4301351240			OW	DRL	С
Melesco 4-20C6	20			4301351241			OW	DRL	С
Peck 3-13B5	13			4301351364			OW	DRL	С
Jensen 2-9C4	09			4301351375			OW	DRL	С
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	С
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	0108	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15			4301351433		14-20-H62-4724		NEW	С
Lake Fork Ranch 5-23B4	23			4301350739		Fee	ow	NEW	
Duchesne Land 4-10C5	10			4301351262		Fee	OW	NEW	С
Cabinland 4-9B3	09			4301351374		Fee	OW	NEW	C
			<u> </u>	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02								C
Golinski 4-24B5	24			4301351404		Fee	OW	NEW	
Alba 1-21C4	21			4301351460		Fee	OW	NEW	С
Allison 4-19C5	19			4301351466		Fee	OW	NEW	С
Seeley 4-3B3	03			4301351486		Fee	OW	NEW	С
Allen 4-25B5	25			4301351487		Fee	OW	NEW	С
Hewett 2-6C4	06	0308	040W	4301351489		Fee	OW	NEW	С
Young 2-7C4	07	0308	040W	4301351500		Fee	OW	NEW	С
Brighton 3-31A1E	31	0108	010E	4304752471		Fee	OW	NEW	С
Hamaker 3-25A1	25			4304752491		Fee	OW	NEW	С
Bolton 3-29A1E	29			4304752871		Fee	OW	NEW	С
HORROCKS 5-20A1	20			4301334280	17378		OW	OPS	C
DWR 3-19C6	19					14-20-462-1120		P	
						14-20-462-1131		P	
DWR 3-22C6						14-20-462-1323		P	
DWR 3-28C6								P	+
UTE 1-7A2						14-20-462-811	OW		
UTE 2-17C6	17	I				14-20-H62-1118		P	
WLR TRIBAL 2-19C6	19	L		1		14-20-H62-1120		Р	
CEDAR RIM 10-A-15C6	15					14-20-H62-1128		Р	
CEDAR RIM 12A	28	0308	060W	4301331173	10672	14-20-H62-1323	OW	Р	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	Р	
TAYLOR 3-34C6	34	0308	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34					14-20-H62-1329	OW	Р	
UTE 3-35Z2 K						14-20-H62-1614		Р	1
UTE 1-32Z2	32					14-20-H62-1702		Р	
UTE TRIBAL 1-33Z2	33			4301330334		14-20-H62-1703		P	+
						14-20-H62-1703		P	
UTE 2-33Z2								P	
UTE TRIBAL 2-34Z2	34	4		<u> </u>		14-20-H62-1704			+
LAKE FORK RANCH 3-13B4	13					14-20-H62-1743		P	
UTE 1-28B4	28			4301330242		14-20-H62-1745		P	<u> </u>
UTE 1-34A4	34	·		4301330076		14-20-H62-1774		Р	
	26	0108	04010	4301330069	1580	14-20-H62-1793	OW	Р	
UTE 1-36A4	36	0103	OTOVV	730 1330003	1000	11 LO 1102 1700	<u> </u>		
UTE 1-36A4 UTE 1-1B4	01			4301330129		14-20-H62-1798		P	

LITE 4 OFAO	25	0400	02014	4204220270	1000	44 00 HG2 4902	OVA	Р	
UTE 1-25A3 UTE 2-25A3	25 25			4301330370		14-20-H62-1802 14-20-H62-1802	<u> </u>	P	
UTE 1-26A3	26	 		4301331343		14-20-H62-1803	}	P	
UTE 2-26A3	26					14-20-H62-1803		P	
UTE TRIBAL 4-35A3		1	1			1420H621804	OW	P	С
	35			L	i	14-20-H62-1804		P	<u></u>
UTE 2-35A3	35								
UTE 3-35A3	35					14-20-H62-1804		Р	ļ
UTE 1-6B2	06			4301330349		14-20-H62-1807		P	
UTE 2-6B2	06					14-20-H62-1807		P	
UTE TRIBAL 3-6B2	06					14-20-H62-1807		P	С
POWELL 4-19A1	19			4301330071		14-20-H62-1847		Р	ļ
COLTHARP 1-27Z1	27			4301330151		14-20-H62-1933		P	
UTE 1-8A1E	08		L	4304730173		14-20-H62-2147		Р	
UTE TRIBE 1-31	31			4301330278		14-20-H62-2421		Ρ	ļ
UTE 1-28B6X	28					14-20-H62-2492		Р	
RINKER 2-21B5	21					14-20-H62-2508		Р	
MURDOCK 2-34B5	34					14-20-H62-2511		Р	
UTE 1-35B6	35			4301330507		14-20-H62-2531		Р	
UTE TRIBAL 1-17A1E	17	1 -		4304730829	1	14-20-H62-2658		Р	
UTE 2-17A1E	17	0108	010E	4304737831	16709	14-20-H62-2658	OW	Р	
UTE TRIBAL 1-27A1E	27	0108	010E	4304730421	800	14-20-H62-2662	OW	Р	
UTE TRIBAL 1-35A1E	35	0108	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	0108	010E	4304730820	850	14-20-H62-2717	OW	Р	ļ ·
UTE TRIBAL P-3B1E	03			4304730190		14-20-H62-2873		Р	
UTE TRIBAL 1-22A1E	22			4304730429		14-20-H62-3103		Р	ļ
B H UTE 1-35C6	35					14-20-H62-3436		Р	<u> </u>
BH UTE 2-35C6	35					14-20-H62-3436		Р	<u></u>
MCFARLANE 1-4D6	04					14-20-H62-3452		Р	†
UTE TRIBAL 1-11D6	11			4301330482		14-20-H62-3454		P	ļ
CARSON 2-36A1	36			4304731407	4	14-20-H62-3806		P	
UTE 2-14C6	14			4301330775		14-20-H62-3809	+	P	
DWR 3-14C6	14				1	14-20-H62-3809		P	
THE PERFECT "10" 1-10A1	10		L	4301330935		14-20-H62-3855		P	
BADGER-SAM H U MONGUS 1-15A1	15			4301330949		14-20-H62-3860		P	
MAXIMILLIAN-UTE 14-1	14			4301330726		14-20-H62-3868		<u>.</u> Р	-
FRED BASSETT 1-22A1	22			4301330781		14-20-H62-3880	1	P	t
UTE TRIBAL 1-30Z1	30					14-20-H62-3910		P	
UTE LB 1-13A3	13			4301330894		14-20-H62-3980		P	
	22					14-20-H62-4614		P	ļ
UTE 2-22B6 UINTA OURAY 1-1A3						14-20-H62-4664		P	
	01					14-20-H62-4752		P	<u> </u>
UTE 1-6D6	06					1420H624801		P	
UTE 2-11D6	11						OW		
UTE 1-15D6	15					14-20-H62-4824		P	<u> </u>
UTE 2-15D6	15					14-20-H62-4824		P	
HILL 3-24C6	24					1420H624866	OW	P	С
BARCLAY UTE 2-24C6R	24			L		14-20-H62-4866		P	
BROTHERSON 1-2B4	02			4301330062		FEE	OW	P	ļ
BOREN 1-24A2	24			4301330084		FEE	OW	Р	
FARNSWORTH 1-13B5	13			4301330092		FEE	OW	Р	
BROADHEAD 1-21B6	21			4301330100		FEE	OW	P	
ASAY E J 1-20A1	20	- 		4301330102		FEE	OW	Р	<u> </u>
HANSON TRUST 1-5B3	05			4301330109		FEE	OW	Р	
ELLSWORTH 1-8B4	08			4301330112		FEE	OW	Р	L
ELLSWORTH 1-9B4	09			4301330118		FEE	OW	Р	
ELLSWORTH 1-17B4	17			4301330126		FEE	OW	Р	
CHANDLER 1-5B4	05	0208	040W	4301330140	1685	FEE	OW	Р	
HANSON 1-32A3	32	0108	030W	4301330141	1640	FEE	OW	Р	
JESSEN 1-17A4	17			4301330173		FEE	OW	P	T

LIENIKINO 4 4DO	04	0200	020\4/	4204220475	4700	ree	OW	Р
JENKINS 1-1B3	01	<u> </u>		4301330175	I	FEE FEE	OW	P
GOODRICH 1-2B3	02			4301330182	<u> </u>	FEE	OW	P
ELLSWORTH 1-19B4	19			4301330183			OW	P
DOYLE 1-10B3	10			4301330187		FEE		P
JOS. SMITH 1-17C5	17			4301330188		FEE	OW	
RUDY 1-11B3	11			4301330204		FEE	OW	P
CROOK 1-6B4	06			4301330213		FEE	OW	P
HUNT 1-21B4	21			4301330214		FEE	OW	P
LAWRENCE 1-30B4	30			4301330220	1	FEE	OW	P
YOUNG 1-29B4	29			4301330246		FEE	OW	P
GRIFFITHS 1-33B4	33	1		4301330288		FEE	OW	P
POTTER 1-2B5	02	h		4301330293		FEE	OW	P
BROTHERSON 1-26B4	26			4301330336		FEE	OW	P
SADIE BLANK 1-33Z1	33			4301330355		FEE	OW	Р
POTTER 1-24B5	24	I		4301330356		FEE	OW	P
WHITEHEAD 1-22A3	22			4301330357		FEE	OW	Р
CHASEL MILLER 2-1A2	01	1	L	4301330360		FEE	OW	Р
ELDER 1-13B2	13			4301330366	<u> </u>	FEE	OW	P
BROTHERSON 2-10B4	10			4301330443		FEE	OW	Р
FARNSWORTH 2-7B4	07	t		4301330470		FEE	OW	Р
TEW 1-15A3	15			4301330529		FEE	OW	Р
UTE FEE 2-20C5	20			4301330550	L	FEE	OW	P
HOUSTON 1-34Z1	34			4301330566		FEE	OW	Р
GALLOWAY 1-18B1	18			4301330575		FEE	OW	Р
SMITH 1-31B5	31	1		4301330577		FEE	OW	P
LEBEAU 1-34A1	34			4301330590		FEE	OW	Р
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	Р
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	Р
POWELL 1-21B1	21	0208	010W	4301330621	910	FEE	OW	Р
HANSEN 1-24B3	24	0208	030W	4301330629	2390	FEE	OW	P
OMAN 2-4B4	04	0208	040W	4301330645	9125	FEE	OW	P
DYE 1-25Z2	25			4301330659		FEE	OW	Р
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	Р
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	Р
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	Р
BIRCHELL 1-27A1	27			4301330758		FEE	OW	Р
CHRISTENSEN 2-8B3	08	0208	030W	4301330780	9355	FEE	OW	Р
LAMICQ 2-5B2	05	0208	020W	4301330784	2302	FEE	OW	Р
BROTHERSON 2-14B4	14	0208	040W	4301330815	10450	FEE	OW	Р
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	Р
HORROCKS 2-20A1 V	20	0108	010W	4301330833	8301	FEE	OW	Р
BROTHERSON 2-2B4	02	0208	040W	4301330855	8420	FEE	OW	P
ELLSWORTH 2-8B4	08	L	L	4301330898		FEE	OW	Р
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	Р
BELCHER 2-33B4	33	0208	040W	4301330907	9865	FEE	OW	Р
BROTHERSON 2-35B5	35	0208	050W	4301330908	9404	FEE	OW	P
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	Р
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P
CHANDLER 2-5B4	05			4301331000			OW	P
BABCOCK 2-12B4	12	0208	040W	4301331005	10215	FEE	OW	Р
BADGER MR BOOM BOOM 2-29A1	29	0108	010W	4301331013	9463	FEE	OW	Р
BLEAZARD 2-18B4	18	020\$	040W	4301331025	1566	FEE	OW	Р
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P
ELLSWORTH 2-16B4	16			4301331046			OW	P
RUST 3-4B3	04			4301331070		FEE	OW	Р
HANSON TRUST 2-32A3	32	0108	030W	4301331072	1641	FEE	OW	Р
BROTHERSON 2-11B4	11	020\$	040W	4301331078	1541	FEE	OW	P

HANSON TRUST 2-5B3	05	0208	020/4/	4301331079	1626	FEE	OW	P	—
	15			4301331079	1	FEE	OW	P	
BROTHERSON 2-15B4								L L	4
MONSEN 2-27A3	27			4301331104		FEE	OW	P	
ELLSWORTH 2-19B4	19			4301331105		FEE	OW	P	
HUNT 2-21B4	21			4301331114		FEE	OW	P	
JENKINS 2-1B3	01			4301331117		FEE	OW	P	
POTTER 2-24B5	24			4301331118		FEE	OW	P	
POWELL 2-13A2 K	13			4301331120		FEE	OW	Р	
JENKINS 2-12B3	12			4301331121			OW	Р	
MURDOCK 2-26B5	26			4301331124		FEE	OW	Р	
BIRCH 3-27B5	27	.1	1	4301331126		FEE	OW	P	
ROBB 2-29B5	29			4301331130			OW	Р	
LAKE FORK 2-13B4	13			4301331134			OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	Р	
HANSON 2-9B3	09			4301331136			OW	P	
ELLSWORTH 2-9B4	09	0208	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	0108	020W	4301331139	10458	FEE	OW	Р	
POWELL 2-19A1 K	19	0108	010W	4301331149	8303	FEE	OW	Р	
CEDAR RIM 8-A	22	0308	060W	4301331171	10666	FEE	OW	Р	
POTTER 2-6B4	06	0208	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01			4301331257			OW	Р	
MILES 2-3B3	03			4301331261			OW	P	
MONSEN 2-22A3	22			4301331265			OW	Р	
WRIGHT 2-13B5	13			4301331267			OW	P	
TODD 2-21A3	21			4301331296			OW	P	
WEIKART 2-29B4	29			4301331298			OW	P	
YOUNG 2-15A3	15			4301331301			OW	P	
CHRISTENSEN 2-29A4	29			4301331303			OW	P	
BLEAZARD 2-28B4	28			4301331304	+		OW	P	
REARY 2-17A3	17		<u> </u>	4301331304			OW	P	
	11			4301331316			OW	P	
LAZY K 2-11B3	·			4301331354	L		OW	P	
LAZY K 2-14B3	14						OW	P	
MATTHEWS 2-13B2	13			4301331357			OW	P	
LAKE FORK 3-15B4	15			4301331358			OW	P	
STEVENSON 3-29A3	29			4301331376				P	
MEEKS 3-8B3	08			4301331377			OW	•	
ELLSWORTH 3-20B4	20			4301331389			OW	P	
DUNCAN 5-13A2	13			4301331516			OW	Р	
OWL 3-17C5	17			4301332112			OW	P	
BROTHERSON 2-24 B4	24			4301332695			OW	P	
BODRERO 2-15B3	15			4301332755			OW	P	
BROTHERSON 2-25B4	25			4301332791			OW	Р	
CABINLAND 2-16B3	16			4301332914			OW	Р	···
KATHERINE 3-29B4	29			4301332923	+		OW	Р	
SHRINERS 2-10C5	10			4301333008			OW	Р	
BROTHERSON 2-26B4	26			4301333139			OW	Р	
MORTENSEN 4-32A2	32	0108	020W	4301333211	15720	FEE	OW	Р	
FERRARINI 3-27B4	27	0205	040W	4301333265	15883	FEE	OW	Р	
RHOADES 2-25B5	25	0208	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24			4301333616			OW	Р	
SPROUSE BOWDEN 2-18B1	18			4301333808			OW	Р	
BROTHERSON 3-11B4	11			4301333904			OW	Р	
KOFFORD 2-36B5	36			4301333988			OW	P	
ALLEN 3-7B4	07			4301334027			OW	P	No. 10 10 10 10 10 10 10 10 10 10 10 10 10
BOURNAKIS 3-18B4	18	<u> </u>	<u> </u>	4301334091	+		OW	Р	
MILES 3-12B5	12			4301334110			OW	P	
OWL and HAWK 2-31B5	31	·		4301334123	<u> </u>		OW	Р	
	<u> </u>	2200	COUTT	1001007120	1	·		<u> </u>	

OWL and HAWK 4-17C5	17	0206	OFO\A/	4301334193	17207	CEC	OW	Р	
	17 32			4301334193	<u> </u>		OW	P	 -
DWR 3-32B5			t	L				P	
LAKE FORK RANCH 3-22B4	22		+	4301334261			OW		ļ
HANSON 3-9B3	09			4301350065			OW	Р	ļ
DYE 2-28A1	28			4301350066			OW	Р	ļ
MEEKS 3-32A4	32			4301350069			OW	Р	<u></u>
HANSON 4-8B3	08			4301350088			OW	P	С
LAKE FORK RANCH 3-14B4	14			4301350097			OW	Р	
ALLEN 3-9B4	09			4301350123			OW	Р	<u></u>
HORROCKS 4-20A1	20	0108	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	0108	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	0308	050W	4301350190	17541	FEE	OW	Р	
ALLEN 3-8B4	08	0208	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	0308	050W	4301350193	17532	FEE	OW	P	1
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	Р	
EL PASO 4-29B5	29		+	4301350208			ow	P	C
DONIHUE 3-20C6	20			4301350270			OW	Р	1=
HANSON 3-5B3	05			4301350275			OW	Р	С
SPRATT 3-26B5	26			4301350302			OW	P	1
REBEL 3-35B5	35			4301350388			ow	P	С
FREEMAN 4-16B4	16			4301350388			OW	P	C
					L		OW	P	C
WILSON 3-36B5	36			4301350439					
EL PASO 3-21B4	21			4301350474	1		OW	P	С
IORG 4-12B3	12			4301350487			OW	P	С
CONOVER 3-3B3	03			4301350526			OW	Р	С
ROWLEY 3-16B4	16			4301350569			OW	P	С
POTTS 3-14B3	14			4301350570			OW	Р	С
POTTER 4-27B5	27			4301350571			OW	P	С
EL PASO 4-21B4	21			4301350572	·		OW	Р	С
LAKE FORK RANCH 3-26B4	26	0208	040W	4301350707	18270	Fee	OW	Р	С
LAKE FORK RANCH 3-25B4	25	0208	040W	4301350711	18220	Fee	OW	Р	С
LAKE FORK RANCH 4-23B4	23	0208	040W	4301350713	18271	Fee	OW	P	С
LAKE FORK RANCH 4-15B4	15	0208	040W	4301350715	18314	Fee	OW	Р	С
LAKE FORK RANCH 3-24B4	24	0208	040W	4301350716	18269	Fee	OW	P	С
GOLINSKI 1-8C4	08	_1		4301350986			OW	Р	С
J ROBERTSON 1-1B1	01			4304730174		FEE	OW	P	+
TIMOTHY 1-8B1E	08			4304730215		FEE	OW	Р	+
MAGDALENE PAPADOPULOS 1-34A1E	34			4304730241		FEE	OW	P	
NELSON 1-31A1E	31			4304730671		FEE	OW	P	+
ROSEMARY LLOYD 1-24A1E	24			4304730707		FEE	ow	P	+
H D LANDY 1-30A1E	30			4304730790		FEE	ow	P	
						FEE	OW	P	+
WALKER 1-14A1E	14			4304730805					ļ
BOLTON 2-29A1E	29			4304731112		FEE	OW	P	
PRESCOTT 1-35Z1	35			4304731173		FEE	OW	P	+
BISEL GURR 11-1	11			4304731213	1	FEE	OW	Р	
UTE TRIBAL 2-22A1E	22			4304731265		FEE	OW	Р	
L. BOLTON 1-12A1	12			4304731295		FEE	OW	Р	
FOWLES 1-26A1	26	010S	010W	4304731296		FEE	OW	Р	1
BRADLEY 23-1	23	0108	010W	4304731297	8435	FEE	OW	Р	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19			4304731470		FEE	OW	Р	1
D MOON 1-23Z1	23			4304731479			OW	P	
O MOON 2-26Z1	26			4304731480			OW	P	
LILA D 2-25A1	25			4304731797			OW	P	+
LANDY 2-30A1E	30			4304731797			ow	P	+
WINN P2-3B1E	03			4304732321			ow	P	+
	- 			4304732321		The second secon	OW	P	+
BISEL-GURR 2-11A1	11	·			+		+		ļ
FLYING J FEE 2-12A1	12	<u></u>	UTUVV	4304739467	10000	ree	OW	Р	

HARVEST FELLOWSHIP CHURCH 2-14B1	14		<u> </u>	4304739591			OW	Р
OBERHANSLY 3-11A1	11			4304739679			OW	Р
DUNCAN 2-34A1	34			4304739944			OW	Р
BISEL GURR 4-11A1	11			4304739961			OW	P
KILLIAN 3-12A1	12			4304740226			OW	P
WAINOCO ST 1-14B1	14			4304730818		ML-24306-A	OW	Р
UTAH ST UTE 1-35A1	35			4304730182		ML-25432	OW	Р
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	Р
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	Р
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	Р
BLANCHARD 1-3A2	03	0108	020W	4301320316	5877	FEE	OW	PA
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA
JAMES POWELL 3	13		+	4301330024		FEE	WD	PA
BASTIAN 1 (3-7D)	07			4301330026		FEE	OW	PA
LAMICQ-URRUTY 1-8A2	08			4301330036		FEE	OW	PA
BLEAZARD 1-18B4	18			4301330059			OW	PA
OLSEN 1-27A4	27			4301330064		FEE	OW	PA
EVANS 1-31A4	31	1		4301330067		FEE	OW	PA
HAMBLIN 1-26A2	26		1	4301330083	L	FEE	OW	PA
HARTMAN 1-31A3	31			4301330093			OW	PA
FARNSWORTH 1-7B4	07			4301330097		FEE	ow	PA
POWELL 1-33A3	33			4301330105		FEE	ow	PA
LOTRIDGE GATES 1-3B3	03			4301330103		FEE	OW	PA
REMINGTON 1-34A3	34		L	4301330117	L	FEE	OW	PA
						FEE	OW	PA
ANDERSON 1-28A2	28			4301330150				PA
RHOADES MOON 1-35B5	35			4301330155		FEE	OW	
JOHN 1-3B2	03			4301330160		FEE	OW	PA
SMITH 1-6C5	06			4301330163		FEE	OW	PA
HORROCKS FEE 1-3A1	03			4301330171		FEE	OW	PA
WARREN 1-32A4	32			4301330174		FEE	OW	PA
JENSEN FENZEL 1-20C5	20			4301330177		FEE	OW	PA
MYRIN RANCH 1-13B4	13			4301330180		FEE	OW	PA
BROTHERSON 1-27B4	27			4301330185		FEE	OW	PA
JENSEN 1-31A5	31			4301330186		FEE	OW	PA
ROBERTSON 1-29A2	29			4301330189		FEE	OW	PA
WINKLER 1-28A3	28			4301330191		FEE	OW	PA
CHENEY 1-33A2	33			4301330202		FEE	OW	PA
J LAMICQ STATE 1-6B1	06			4301330210		FEE	OW	PA
REESE ESTATE 1-10B2	10			4301330215		FEE	OW	PA
REEDER 1-17B5	17			4301330218		FEE	OW	PA
ROBERTSON UTE 1-2B2	02			4301330225		FEE	OW	PA
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA
BROTHERSON 1-22B4	22	0208	040W	4301330227	5935	FEE	OW	PA
ALLRED 1-16A3	16	0108	030W	4301330232	1780	FEE	OW	PA
BIRCH 1-35A5	35	0108	050W	4301330233	9116	FEE	OW	PA
MARQUERITE UTE 1-8B2	08	0205	020W	4301330235	9122	FEE	OW	PA
BUZZI 1-11B2	11			4301330248			OW	PA
SHISLER 1-3B1	03			4301330249			OW	PA
TEW 1-1B5	01	+	·	4301330264			OW	PA
EVANS UTE 1-19B3	19			4301330265			OW	PA
SHELL 2-27A4	27		+	4301330266			WD	PA
DYE 1-29A1	29			4301330271			OW	PA
VODA UTE 1-4C5	04			4301330283			OW	PA
BROTHERSON 1-28A4	28			4301330292		The same of the sa	OW	PA
MEAGHER 1-4B2	04			4301330292		FEE	OW	PA
NORLING 1-9B1	09			4301330315		FEE	OW	PA
	09			4301330316		FEE	OW	PA
S. BROADHEAD 1-9C5	UB	0303	UJUVV	490 (9909 10	JJ4U	I CL	UVV	

THACTING A GOAG	00	0400	000141	100100001	140000		10141	54
TIMOTHY 1-09A3	09			4301330321			OW	PA
BARRETT 1-34A5	34			4301330323		FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09			4301330325		FEE	OW	PA
PHILLIPS UTE 1-3C5	03			4301330333		FEE	OW	PA
ELLSWORTH 1-20B4	20			4301330351		FEE	OW	PA
LAWSON 1-28A1	28			4301330358		FEE	ow	PA
AMES 1-23A4	23			4301330375		FEE	OW	PA
HORROCKS 1-6A1	06			4301330390		FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10			4301330393		FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13			4301330478		FEE	WD	PA
BODRERO 1-15B3	15	0208	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	0308	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	0208	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	0108	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34			4301330753		FEE	OW	PA
GOODRICH 1-24A4	24			4301330760		FEE	OW	PA
CARL SMITH 2-25A4	25			4301330776		FEE	OW	PA
ANDERSON 1-A30B1	30			4301330783		FEE	OW	PA
CADILLAC 3-6A1	06			4301330834		FEE	ow	PA
MCELPRANG 2-31A1	31			4301330836		FEE	ow	PA
REESE ESTATE 2-10B2	10			4301330837		FEE	OW	PA
CLARK 2-9A3	09			4301330876		FEE	OW	PA
JENKINS 3-16A3	16			4301330877		FEE	OW	PA
CHRISTENSEN 2-26A5	26			4301330905			OW	PA
FORD 2-36A5	36			4301330903		FEE	OW	PA
MORTENSEN 2-32A2	32			4301330911		FEE	OW	PA
WILKERSON 1-20Z1	20			4301330929		FEE	OW	PA
	04			4301330942			OW	PA
UTE TRIBAL 2-4A3 S	<u> </u>							
OBERHANSLY 2-31Z1	31			4301330970		FEE	OW	PA
MORRIS 2-7A3	07			4301330977		FEE	OW	PA
POWELL 2-08A3	08			4301330979	1		OW	PA
FISHER 2-6A3	06			4301330984			OW	PA
JACOBSEN 2-12A4	12			4301330985			OW	PA
CHENEY 2-33A2	33			4301331042	1		OW	PA
HANSON TRUST 2-29A3	29			4301331043		FEE	OW	PA
BURTON 2-15B5	15			4301331044			OW	PA
EVANS-UTE 2-17B3	17			4301331056			ow	PA
ELLSWORTH 2-20B4				4301331090		FEE	OW	PA
REMINGTON 2-34A3	34			4301331091			OW	PA
WINKLER 2-28A3	28			4301331109			OW	PA
TEW 2-10B5	10			4301331125			OW	PA
LINDSAY 2-33A4	33	0108	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	0108	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3				4301331505			OW	PA
SMITH 2X-23C7				4301331634			D	PA
MORTENSEN 3-32A2	32			4301331872			OW	PA
TODD USA ST 1-2B1	02			4304730167			OW	PA
STATE 1-7B1E	07			4304730180		FEE	OW	PA
BACON 1-10B1E	10			4304730881		FEE	OW	PA
PARIETTE DRAW 28-44	28			4304731408		FEE	OW	PA
REYNOLDS 2-7B1E	07			4304731840		FEE	OW	PA
STATE 2-35A2	35			4301330156	<u> </u>	ML-22874	ow	PA
UTAH STATE L B 1-11B1	11			4304730171		ML-23655	OW	PA
STATE 1-8A3	08			4301330286		ML-24316	ow	PA
UTAH FEDERAL 1-24B1	24			4304730220		ML-26079	OW	PA
						14-20-462-1329		S
CEDAR RIM 15	34	0305	OOUVV	4301330383	0292	14-20-402-1329	UVV	3

LUTE TOIDAL O 0407	0.4	0000	070144	4004004000	40040	44 00 1100 4405	014/		
UTE TRIBAL 2-24C7	24					14-20-H62-1135		S S	
CEDAR RIM 12	28		1		1	14-20-H62-1323			
CEDAR RIM 16	33					14-20-H62-1328		S	
SPRING HOLLOW 2-34Z3	34	l		4301330234	·	14-20-H62-1480		S	
EVANS UTE 1-17B3	17			4301330274		14-20-H62-1733		S	
UTE JENKS 2-1-B4 G	01	·		l	·	14-20-H62-1782		S	
UTE 3-12B3	12					14-20-H62-1810		S	
UTE TRIBAL 9-4B1	04			4301330194		14-20-H62-1969		S	
UTE TRIBAL 2-21B6	21	J				14-20-H62-2489		S	
UTE 1-33B6	33			4301330441				S	
UTE 2-22B5	22	1				14-20-H62-2509		S	
UTE 1-18B1E	18			4304730969			OW	S	
LAUREN UTE 1-23A3	23	0108	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	0208	060W	4301331434	11624	14-20-H62-4622		S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631		S	
CEDAR RIM 10-15C6	15	0308	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24		1	4301330298		14-20-H62-4866		S	
UTE TRIBAL FEDERAL 1-30C5	30		1	4301330475		14-20-H62-4876		S	
SMB 1-10A2	10			4301330012		FEE	OW	S	
KENDALL 1-12A2	12			4301330013		FEE	OW	S	
CEDAR RIM 2	20			4301330019		FEE	ow	S	
URRUTY 2-9A2	09			4301330046	1	FEE	OW	S	
BROTHERSON 1-14B4	14			4301330051		FEE	ow	S	
RUST 1-4B3	04			4301330063		FEE	ow	S	
MONSEN 1-21A3	21	1		4301330082		FEE	ow	S	
	-			4301330062		FEE	OW	S	
BROTHERSON 1-10B4	10					FEE	OW	S	
FARNSWORTH 1-12B5	12			4301330124				S	
ELLSWORTH 1-16B4	16		I	4301330192		FEE	OW		
MARSHALL 1-20A3	20			4301330193		FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31			4301330198		FEE	OW		
ROPER 1-14B3	14			4301330217		FEE	OW	S	
BROTHERSON 1-24B4	24			4301330229		FEE	OW	S	
BROTHERSON 1-33A4	33			4301330272		FEE	OW	S	
BROTHERSON 1-23B4	23			4301330483		FEE	OW	S	
SMITH ALBERT 2-8C5	08			4301330543			OW	S	
VODA JOSEPHINE 2-19C5	19			4301330553			OW	S	
HANSEN 1-16B3	16		·	4301330617	·		OW	S	
BROTHERSON 1-25B4	25			4301330668		FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	0208	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	0108	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15			4301330817		FEE	OW	S	
R HOUSTON 1-22Z1	22			4301330884		FEE	OW	S	
FIELDSTED 2-27A4	27			4301330915		FEE	OW	S	
HANSKUTT 2-23B5	23			4301330917			OW	S	
TIMOTHY 3-18A3	18			4301330940		FEE	OW	S	
BROTHERSON 2-3B4	03			4301331008			OW	S	
BROTHERSON 2-22B4	22			4301331086		FEE	OW	S	
MILES 2-35A4	35			4301331087			OW	S	
ELLSWORTH 2-17B4	17	+		4301331089		FEE	OW	S	
RUST 2-36A4	36			4301331092		FEE	OW	S	
EVANS 2-19B3	19			4301331092		FEE	OW	S	
	12			4301331115		FEE	OW	S	
FARNSWORTH 2-12B5							OW	S	
CHRISTENSEN 3-4B4	04	+		4301331142	+			S	
ROBERTSON 2-29A2	29		<u> </u>	4301331150	 		OW	A	
CEDAR RIM 2A	20	0308	UDUVV	4301331172	100/1	rct	OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	0108	030W	4301331243	11026	FEE	OW	S
GOODRICH 2-2B3	02	020\$	030W	4301331246	11037	FEE	OW	S
JESSEN 2-21A4	21	0108	040W	4301331256	11061	FEE	OW	S
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S
MYRIN RANCH 2-18B3	18	020\$	030W	4301331297	11475	FEE	OW	S
BROTHERSON 2-2B5	02	020\$	050W	4301331302	11342	FEE	OW	S
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S
IORG 2-10B3	10	0208	030W	4301331388	11482	FEE	OW	S
MONSEN 3-27A3	27	0108	030W	4301331401	11686	FEE	OW	S
HORROCKS 2-5B1E	05	0208	010E	4304732409	11481	FEE	OW	S
LARSEN 1-25A1	25	0108	010W	4304730552	815	FEE	OW	TA
DRY GULCH 1-36A1	36	0108	010W	4304730569	820	FEE	OW	TA